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International pricelist in Euro Valid since OCTOBER 1st, 2024



Reference Number	Designation	Price per unit (in Euros)	
DC CURRENT TRANSFORMER TO MEASURE BEAM DC CURRENT [NPCT Range]			
In-Flange New Parametric Current Transformer, for UHV installation in the beam line			
<i>Each part number corresponds to a SET made of One NPCT sensor, One 19" 3U RF-Shielded chassis, with 2 power supplies autorange AC input (one as spare), and 2 NPCT Analog Electronics cassettes (one as spare)</i>			
In-Flange NPCT in 304 stainless steel flanges			
NPCT-CF2"1/8-22.2-120-UHV	NPCT 22.2-mm ID, DN/NW25CF, 120mm axial	49 150	
NPCT-CF2"3/4-34.9-120-UHV	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial	51 000	
NPCT-CF3"3/8-38.0-120-UHV	NPCT 38.0-mm ID, DN/NW50CF, 120mm axial	52 780	
NPCT-CF4"1/2-47.7-120-UHV	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial	56 550	
NPCT-CF4"1/2-60.4-120-UHV	NPCT 60.4-mm ID, DN/NW63CF, 120mm axial	64 490	
NPCT-CF6"-96.0-120-UHV	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial	69 440	
NPCT-CF8"-147.6-120-UHV	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial	99 720	
NPCT-CF10"-198.4-120-UHV	NPCT 198.4-mm ID, DN/NW200CF, 120mm axial	124 460	
NPCT-CFXX"-...	NPCT In-flange other sizes	Ask	
In-Flange NPCT in 316LN stainless steel flanges			
NPCT-CF2"3/4-34.9-120-UHV-316LN	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial, AISI 316LN	55 750	
NPCT-CF4"1/2-47.7-120-UHV-316LN	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial, AISI 316LN	58 430	
NPCT-CF6"-96.0-120-UHV-316LN	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial, AISI 316LN	71 260	
NPCT-CF8"-147.6-120-UHV-316LN	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial, AISI 316LN	101 480	
NPCT-CFXX"-...-316LN	NPCT In-flange with AISI 316LN other sizes	Ask	
Options for In-Flange NPCT			
-ARB#xxx	Non-round, arbitrary shape aperture option	Ask	
-CXXX	Cable between sensor and electronics, per meter	55	
-RHCXXX	Rad-tolerant cable between sensor and electronics, per meter	79	
-HR	High-resolution sensor option	14 320	
-VHR	Very high-resolution sensor option	22 660	
-H	Radiation-tolerant sensor option	1 510	
-SR	Special ranges option	1 010	
NPCT-PS	Power supply on a board for NPCT chassis	430	

Reference Number	Designation	Price per unit (in Euros)	
In-Air New Parametric Current Transformer, for installation over the vacuum chamber			
<i>Each part number corresponds to a SET made of One NPCT sensor, One 19" 3U RF-Shielded chassis, with 2 power supplies autorange AC input (one as spare), and 2 NPCT Analog Electronics cassettes (one as spare)</i>			
NPCT-055	NPCT In-Air sensor, >55mm ID	33 540	
NPCT-075	NPCT In-Air sensor, >75mm ID	34 780	
NPCT-115	NPCT In-Air sensor, >115mm ID	37 050	
NPCT-130	NPCT In-Air sensor, >130mm ID	37 930	
NPCT-175	NPCT In-Air sensor, >175mm ID	41 320	
NPCT-195	NPCT In-Air sensor, >195mm ID	42 240	
NPCT-202	NPCT In-Air sensor, >202mm ID	43 950	
NPCT-245	NPCT In-Air sensor, >245mm ID	47 140	
NPCT-255	NPCT In-Air sensor, >255mm ID	47 450	
NPCT-XXX	NPCT In-Air sensor other sizes	Ask	
Options for In-Air NPCT			
-CXXX	Cable between sensor and electronics, per meter	55	
-RHCXXX	Rad-tolerant cable between sensor and electronics, per meter	79	
-HR	High-resolution sensor option	14 320	
-VHR	Very high-resolution sensor option	22 660	
-H	Radiation-tolerant sensor option (includes 2m potted cable)	1 510	
-SR	Special ranges option	1 010	
NPCT-PS	Power supply on a board for NPCT chassis	430	

Reference Number	Designation	Price per unit (in Euros)	
DC CURRENT TRANSFORMERS to measure current in wires [IPCT Range]			
Integrated Parametric Current Transformer			
IPCT-HC-xxxmA	IPCT, factory-set range: $\pm 10\text{mA}$ to $\pm 5\text{A}$ in 1-2-5 steps	2 950	
IPCT-LC-xxxmA	IPCT, factory-set range $\pm 1\text{mA}$ and $\pm 5\text{mA}$	3 250	
Options for IPCT			
-SR-xxxxmA	Option for range other than 1-2-5 steps, e.g., $\pm 25\text{mA}$, add	330	
-0.01%	High-accuracy calibration option 0.01%+-10uA	420	
Accessories for IPCT			
IPCT-PS-BNC (obsolete)	90-245Vac power supply & BNC output for IPCT	obsolete	
IPCT-PS-BNC-2	85-264Vac power supply & BNC output for IPCT, 2nd gen	690	
IPCT-CALCERT	IPCT initial certificate of Calibration w/documents	230	

Reference Number	Designation	Price per unit (in Euros)	
AC CURRENT TRANSFORMERS [ACCT Range]			
In-Flange AC Current Transformer sensors, for UHV installation in the beam line			
In-Flange ACCT in 304 stainless steel flanges			
ACCT-CF3"3/8-22.2-40-UHV	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 990	
ACCT-CF4"1/2-34.9-40-UHV	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 360	
ACCT-CF4"1/2-38.0-40-UHV	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 460	
ACCT-CF6"-47.7-40-UHV	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial	16 110	
ACCT-CF6"-60.4-40-UHV	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 450	
ACCT-CF6"3/4-96.0-40-UHV	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial	20 350	
ACCT-CF8"-96.0-40-UHV	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	21 670	
ACCT-CF10"-147.6-40-UHV	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial	36 020	
ACCT-CF12"-198.4-40-UHV	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial	45 210	
ACCT-CFXX"-...	ACCT In-flange other sizes	Ask	
In-Flange ACCT in 304 stainless steel flanges and LEMO connector			
ACCT-CF3"3/8-22.2-40-UHV-LEMO	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial, LEMO connector	13 990	
ACCT-CF4"1/2-34.9-40-UHV-LEMO	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial, LEMO connector	15 360	
ACCT-CF4"1/2-38.0-40-UHV-LEMO	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial, LEMO connector	15 460	
ACCT-CF6"-47.7-40-UHV-LEMO	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial, LEMO connector	16 110	
ACCT-CF6"-60.4-40-UHV-LEMO	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial, LEMO connector	16 450	
ACCT-CF6"3/4-96.0-40-UHV-LEMO	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial, LEMO connector	20 350	
ACCT-CF8"-96.0-40-UHV-LEMO	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, LEMO connector	21 670	
ACCT-CF10"-147.6-40-UHV-LEMO	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial, LEMO connector	36 020	
ACCT-CF12"-198.4-40-UHV-LEMO	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial, LEMO connector	45 210	
ACCT-CFXX"-...-LEMO	ACCT In-flange other sizes, LEMO connector	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Flange ACCT in 304 stainless steel flanges and Bakeout at 150°C			
ACCT-CF3"3/8-22.2-40-UHV-BK150C	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 150°C	15 980	
ACCT-CF4"1/2-34.9-40-UHV-BK150C	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 150°C	17 320	
ACCT-CF4"1/2-38.0-40-UHV-BK150C	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 150°C	17 420	
ACCT-CF6"-47.7-40-UHV-BK150C	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 150°C	18 060	
ACCT-CF6"-60.4-40-UHV-BK150C	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 150°C	18 390	
ACCT-CF6"3/4-96.0-40-UHV-BK150C	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 150°C	22 220	
ACCT-CF8"-96.0-40-UHV-BK150C	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 150°C	23 320	
ACCT-CF10"-147.6-40-UHV-BK150C	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 150°C	37 580	
ACCT-CF12"-198.4-40-UHV-BK150C	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 150°C	46 590	
ACCT-CFXX"-...-BK150C	ACCT In-flange other sizes, with Bakeout at 150°C	Ask	
In-Flange ACCT in 304 stainless steel flanges and Bakeout at 185°C			
ACCT-CF3"3/8-22.2-40-UHV-BK185C	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 185°C	16 930	
ACCT-CF4"1/2-34.9-40-UHV-BK185C	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 185°C	18 270	
ACCT-CF4"1/2-38.0-40-UHV-BK185C	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 185°C	18 370	
ACCT-CF6"-47.7-40-UHV-BK185C	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 185°C	19 010	
ACCT-CF6"-60.4-40-UHV-BK185C	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 185°C	19 340	
ACCT-CF6"3/4-96.0-40-UHV-BK185C	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C	23 170	
ACCT-CF8"-96.0-40-UHV-BK185C	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C	24 270	
ACCT-CF10"-147.6-40-UHV-BK185C	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 185°C	38 530	
ACCT-CF12"-198.4-40-UHV-BK185C	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 185°C	47 540	
ACCT-CFXX"-...-BK185C	ACCT In-flange other sizes, with Bakeout at 185°C	Ask	
In-Flange ACCT in 304 stainless steel flanges and Bakeout at 200°C			
ACCT-CF3"3/8-22.2-40-UHV-BK200C	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 200°C	17 960	
ACCT-CF4"1/2-34.9-40-UHV-BK200C	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 200°C	19 300	
ACCT-CF4"1/2-38.0-40-UHV-BK200C	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 200°C	19 400	
ACCT-CF6"-47.7-40-UHV-BK200C	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 200°C	20 040	
ACCT-CF6"-60.4-40-UHV-BK200C	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 200°C	20 370	
ACCT-CF6"3/4-96.0-40-UHV-BK200C	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C	24 200	
ACCT-CF8"-96.0-40-UHV-BK200C	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C	25 300	
ACCT-CF10"-147.6-40-UHV-BK200C	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 200°C	39 560	
ACCT-CF12"-198.4-40-UHV-BK200C	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 200°C	48 570	

Reference Number	Designation	Price per unit (in Euros)	
ACCT-CFXX"-...-BK200C	ACCT In-flange other sizes, with Bakeout at 200'C	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Flange ACCT in 316LN stainless steel flanges			
ACCT-CF6"-60.4-40-UHV-316LN	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial, AISI 316LN	25 110	
ACCT-CF8"-47.7-40-UHV-316LN	ACCT, in DN160/NW150CF, 47.7mm ID, 40mm axial, AISI 316LN	31 320	
ACCT-CF8"-60.4-40-UHV-316LN	ACCT, in DN160/NW150CF, 60.4mm ID, 40mm axial, AISI 316LN	29 800	
ACCT-CFXX"-...-316LN	ACCT In-flange other sizes, AISI 316LN	Ask	
Additional Feature for Low Noise measurement			
-LN	Low Noise option	3 570	*
Options for In-Flange ACCT			
-ARB#xxx	Flanges arbitrary shape aperture, 50mm axial	Ask	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	730	
-H	Radiation-tolerant sensor option	290	
-SH2L	2-layer embedded shield option	3 280	*
-SH4L	4-layer embedded shield option	4 040	*
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	
* Please ask Bergoz Instrumentation for flanges size			

Reference Number	Designation	Price per unit (in Euros)	
In-Air AC Current Transformer, for installation over the vacuum chamber			
ACCT-S-016	ACCT sensor head, 16mm ID	2 200	
ACCT-S-028	ACCT sensor head, 28mm ID	2 720	
ACCT-S-055	ACCT sensor head, 55mm ID	3 380	
ACCT-S-082	ACCT sensor head, 82mm ID	4 240	
ACCT-S-122	ACCT sensor head, 122mm ID	5 360	
ACCT-S-178	ACCT sensor head, 178mm ID	6 790	
ACCT-S-195	ACCT sensor head, 195mm ID	7 380	
ACCT-S-245	ACCT sensor head, 245mm ID	9 640	
ACCT-S-XXX	ACCT In-Air other sizes	Ask	
Additional Feature for Low Noise measurement			
-LN	Low Noise option	3 570	
Options for In-Air ACCT			
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	730	
-H	ACCT radiation-tolerent sensor	290	
-SH2L	2-layer embedded shield option	3 280	
-SH4L	4-layer embedded shield option	4 040	
-VAC	Sensor degassing option, for vacuum > 1E-4 Mbar	370	

Reference Number	Designation	Price per unit (in Euros)	
Analog ACCT Electronics (mandatory)			
ACCT-E-RM-3R-xxx/yyy/zzz mA	ACCT rail-mount electronics, 3 ranges, FS $\pm 1\text{mA} \dots \pm 2\text{A}$, includes 1-turn calibration winding with BNO connector	5 560	
ACCT-E-RM-xxx mA	ACCT rail-mount electronics, FS $\pm 1\text{mA} \dots \pm 2\text{A}$	2 100	
ACCT-E-RM-xxx mA-LEMO	ACCT rail-mount electronics, FS $\pm 1\text{mA} \dots \pm 2\text{A}$, connector LEMO	2 100	
Option for ACCT Electronics			
-3M	Option Bandwith extended to 3MHz	280	
-50R	ACCT output readout in 50ohms	0	
Power Supply and Cables for ACCT			
ACCT-PS-1515	ACCT rail-mount power supply	280	
ACCT-PS-2415	ACCT rail-mount power supply +24Vdc/ $\pm 15\text{Vdc}$	280	
ACCT-C-XXm	Sensor cable w/PVC jacket, XX meters, per meter	216+23€/m	
ACCT-C-XXm-LEMO	Sensor cable w/PVC jacket, XX meters, with LEMO connector, per meter	216+23€/m	
ACCT-RHC-XXm	Rad-tolerant Siltem sensor cable, XX meters, per meter	216+46€/m	

Reference Number	Designation	Price per unit (in Euros)	
CONTINUOUS WAVE CURRENT TRANSFORMERS AND ELECTRONICS [CWCT Range]			
In-Flange CW Current Transformer, for UHV installation in the beam line			
In-Flange CWCT in 304 stainless steel flanges			
CWCT-CF3"3/8-22.2-40-UHV	CWCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 710	
CWCT-CF4"1/2-34.9-40-UHV	CWCT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 050	
CWCT-CF4"1/2-38.0-40-UHV	CWCT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 150	
CWCT-CF6"-47.7-40-UHV	CWCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 790	
CWCT-CF6"-60.4-40-UHV	CWCT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 120	
CWCT-CF6"3/4-96.0-40-UHV	CWCT, in DN/NW130CF, 96.0mm ID, 40mm axial	19 030	
CWCT-CF8"-96.0-40-UHV	CWCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	19 840	
CWCT-CF10"-147.6-40-UHV	CWCT, in DN/NW200CF, 147.6mm ID, 40mm axial	32 750	
CWCT-CF12"-198.4-40-UHV	CWCT, in DN/NW250CF, 198.4mm ID, 40mm axial	44 320	
CWCT-CFXX"	CWCT In-flange other sizes	Ask	
In-Flange CWCT in 304 stainless steel flanges and Bakeout at 150'C			
CWCT-CF3"3/8-22.2-40-UHV-BK150C	CWCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 150'C	15 710	
CWCT-CF4"1/2-34.9-40-UHV-BK150C	CWCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 150'C	17 020	
CWCT-CF4"1/2-38.0-40-UHV-BK150C	CWCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 150'C	17 120	
CWCT-CF6"-47.7-40-UHV-BK150C	CWCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 150'C	17 750	
CWCT-CF6"-60.4-40-UHV-BK150C	CWCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 150'C	18 070	
CWCT-CF6"3/4-96.0-40-UHV-BK150C	CWCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 150'C	20 920	
CWCT-CF8"-96.0-40-UHV-BK150C	CWCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 150'C	21 720	
CWCT-CF10"-147.6-40-UHV-BK150C	CWCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 150'C	34 370	
CWCT-CF12"-198.4-40-UHV-BK150C	CWCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 150'C	45 720	
CWCT-CFXX"-...-BK150C	CWCT In-flange other sizes, with Bakeout at 150'C	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Flange CWCT in 304 stainless steel flanges and Bakeout at 185°C			
CWCT-CF3"3/8-22.2-40-UHV-BK185C	CWCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 185°C	16 660	
CWCT-CF4"1/2-34.9-40-UHV-BK185C	CWCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 185°C	17 970	
CWCT-CF4"1/2-38.0-40-UHV-BK185C	CWCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 185°C	18 070	
CWCT-CF6"-47.7-40-UHV-BK185C	CWCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 185°C	18 700	
CWCT-CF6"-60.4-40-UHV-BK185C	CWCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 185°C	19 020	
CWCT-CF6"3/4-96.0-40-UHV-BK185C	CWCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C	21 870	
CWCT-CF8"-96.0-40-UHV-BK185C	CWCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C	22 670	
CWCT-CF10"-147.6-40-UHV-BK185C	CWCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 185°C	35 320	
CWCT-CF12"-198.4-40-UHV-BK185C	CWCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 185°C	46 670	
CWCT-CFXX"-...-BK185C	CWCT In-flange other sizes, with Bakeout at 185°C	Ask	
In-Flange CWCT in 304 stainless steel flanges and Bakeout at 200°C			
CWCT-CF3"3/8-22.2-40-UHV-BK200C	CWCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 200°C	17 690	
CWCT-CF4"1/2-34.9-40-UHV-BK200C	CWCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 200°C	19 000	
CWCT-CF4"1/2-38.0-40-UHV-BK200C	CWCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 200°C	19 100	
CWCT-CF6"-47.7-40-UHV-BK200C	CWCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 200°C	19 730	
CWCT-CF6"-60.4-40-UHV-BK200C	CWCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 200°C	20 050	
CWCT-CF6"3/4-96.0-40-UHV-BK200C	CWCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C	22 900	
CWCT-CF8"-96.0-40-UHV-BK200C	CWCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C	23 700	
CWCT-CF10"-147.6-40-UHV-BK200C	CWCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 200°C	36 350	
CWCT-CF12"-198.4-40-UHV-BK200C	CWCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 200°C	47 700	
CWCT-CFXX"-...-BK200C	CWCT In-flange other sizes, with Bakeout at 200°C	Ask	
Additional Feature for Low CW Currents			
-LC	Low currents option for CWCT	7 100	
Options for In-Flange CWCT			
-316LN	Flanges with AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Flanges arbitrary shape aperture, 50mm axial	Ask	
-H	Radiation-tolerant sensor option	290	

Reference Number	Designation	Price per unit (in Euros)	
Analog BCM Electronics to measure CW and/or macropulse average current			
BCM-CW-E	BCM plug-in card for CWCT, bought alone	8 450	
	BCM plug-in card for CWCT, bought with a CWCT	6 860	
Options for CWCT Electronics			
BCM-CW-LNAWB	CWCT External module for high resolution, option	4 390	
BCM-CW-DLE	Delay Line Extension for BCM-CW-E, option	4 990	
Power Supply and Cables for CWCT			
BCM-RFC/ /xx	BCM RF-Shielded powered chassis w/o wired station /xx number of wired stations (≤ 8), per wired station	1 750 390	
BCM-C-xxx	BCM SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	216+14€/m	
BCM-RHC-xxx	BCM SMA-SMA Radox 2-shield, PEEK connectors,xxx-m.	540+17€/m	
BCM-C400-XXX	SMA-SMA LMR400-type or similar cable, per meter	22	
BCM-C600-XXX	SMA-SMA LMR600-type or similar cable, per meter	25	
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Reference Number	Designation	Price per unit (in Euros)	
CAVITY RESONATOR BEAM CURRENT MONITOR TO MEASURE LOW CURRENT [CRCDs Range]			
In-Flange Cavity Resonator Beam Current Monitor, for UHV installation in the beam line (CR-BCM range)			
<i>Each part number corresponds to a SET made of One CR-BCM sensor adjusted to the appropriate harmonic, One Analog Electronic, One chassis with 1 station</i>			
CR-BCM-CFxx"-yyy.y-zzz.z-mm.mMHz	Cavity Resonator Beam current monitor, CFxx" mating flange, yyymm ID, zzzmm axial length, mm.mmMHz working frequency	37 100	
Output Signal Digitalization			
	Digitizer for CR-BCM	ask Instrumentation Technologies	

Reference Number	Designation	Price per unit (in Euros)	
FAST CURRENT TRANSFORMERS [FCT Range]			
In-Flange Fast Current Transformers, for UHV installation in the beam line			
In-Flange FCT in 304 stainless steel flanges			
FCT-CF3"3/8-22.2-40-UHV	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 990	
FCT-CF4"1/2-34.9-40-UHV	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 360	
FCT-CF4"1/2-38.0-40-UHV	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 460	
FCT-CF6"-47.7-40-UHV	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial	16 110	
FCT-CF6"-60.4-40-UHV	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 450	
FCT-CF6"3/4-96.0-40-UHV	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial	20 350	
FCT-CF8"-96.0-40-UHV	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	21 670	
FCT-CF10"-147.6-40-UHV	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial	36 020	
FCT-CF12"-198.4-40-UHV	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial	45 210	
FCT-CFXX"	FCT In-flange other sizes	Ask	
In-Flange FCT in 304 stainless steel flanges and Bakeout at 150'C			
FCT-CF3"3/8-22.2-40-UHV-BK150C	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 150'C	15 980	
FCT-CF4"1/2-34.9-40-UHV-BK150C	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 150'C	17 320	
FCT-CF4"1/2-38.0-40-UHV-BK150C	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 150'C	17 420	
FCT-CF6"-47.7-40-UHV-BK150C	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 150'C	18 060	
FCT-CF6"-60.4-40-UHV-BK150C	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 150'C	18 390	
FCT-CF6"3/4-96.0-40-UHV-BK150C	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 150'C	22 220	
FCT-CF8"-96.0-40-UHV-BK150C	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 150'C	23 320	
FCT-CF10"-147.6-40-UHV-BK150C	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 150'C	37 580	
FCT-CF12"-198.4-40-UHV-BK150C	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 150'C	46 590	
FCT-CFXX"-...-BK150C	FCT In-flange other sizes, with Bakeout at 150'C	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Flange FCT in 304 stainless steel flanges and Bakeout at 185'C			
FCT-CF3"3/8-22.2-40-UHV-BK185C	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 185'C	16 930	
FCT-CF4"1/2-34.9-40-UHV-BK185C	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 185'C	18 270	
FCT-CF4"1/2-38.0-40-UHV-BK185C	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 185'C	18 370	
FCT-CF6"-47.7-40-UHV-BK185C	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 185'C	19 010	
FCT-CF6"-60.4-40-UHV-BK185C	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 185'C	19 340	
FCT-CF6"3/4-96.0-40-UHV-BK185C	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 185'C	23 170	
FCT-CF8"-96.0-40-UHV-BK185C	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 185'C	24 270	
FCT-CF10"-147.6-40-UHV-BK185C	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 185'C	38 530	
FCT-CF12"-198.4-40-UHV-BK185C	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 185'C	47 540	
FCT-CFXX"-...-BK185C	FCT In-flange other sizes, with Bakeout at 185'C	Ask	
In-Flange FCT in 304 stainless steel flanges and Bakeout at 200'C			
FCT-CF3"3/8-22.2-40-UHV-BK200C	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 200'C	17 960	
FCT-CF4"1/2-34.9-40-UHV-BK200C	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 200'C	19 300	
FCT-CF4"1/2-38.0-40-UHV-BK200C	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 200'C	19 400	
FCT-CF6"-47.7-40-UHV-BK200C	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 200'C	20 040	
FCT-CF6"-60.4-40-UHV-BK200C	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 200'C	20 370	
FCT-CF6"3/4-96.0-40-UHV-BK200C	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 200'C	24 200	
FCT-CF8"-96.0-40-UHV-BK200C	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 200'C	25 300	
FCT-CF10"-147.6-40-UHV-BK200C	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 200'C	39 560	
FCT-CF12"-198.4-40-UHV-BK200C	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 200'C	48 570	
FCT-CFXX"-...-BK200C	FCT In-flange other sizes, with Bakeout at 200'C	Ask	

Reference Number	Designation	Price per unit (in Euros)	
Options for In-Flange FCT			
-0.50	Sensitivity 0.50 V/A in 50 ohms	no charge	
-1.25	Sensitivity 1.25 V/A in 50 ohms	no charge	
-2.50	Sensitivity 2.50 V/A in 50 ohms	570	
-5.0	Sensitivity 5.00 V/A in 50 ohms	1 010	
-10.0	Sensitivity 10.0 V/A in 50 ohms	Ask	
-316LN	Flanges with AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Flanges arbitrary shape aperture, 50mm axial	Ask	
-H	Radiation-tolerant sensor option	290	
-LD	Low-droop option	790	
-RFBYP	RF-bypass over ceramic option	1 030	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Air Fast Current Transformers, for installation over the vacuum chamber			
FCT-016	FCT, 16mm ID	2 200	
FCT-028	FCT, 28mm ID	2 720	
FCT-055	FCT, 55mm ID	3 380	
FCT-082	FCT, 82mm ID	4 240	
FCT-122	FCT, 122mm ID	5 360	
FCT-178	FCT, 178mm ID	6 790	
FCT-195	FCT, 195mm ID	7 380	
FCT-245	FCT, 245mm ID	9 640	
FCT-XXX	FCT In-Air other sizes	Ask	
Options for In-Air FCT			
-0.50	0.50 V/A sensitivity	no charge	
-1.25	1.25 V/A sensitivity	no charge	
-2.5	2.5 V/A sensitivity	570	
-5.0	5.0 V/A sensitivity	1 010	
-H	Radiation-tolerant sensor option	290	
-LD	Low-droop option	790	
-VAC	Sensor degassing option, for vacuum > 1E-4 Mbar	370	

Reference Number	Designation	Price per unit (in Euros)	
INTEGRATING CURRENT TRANSFORMERS AND ELECTRONICS [ICT Range]			
In-Flange Integrating Current Transformer, for UHV installation in the beam line			
In-Flange ICT in 304 stainless steel flanges			
ICT-CF3"3/8-22.2-40-UHV-070	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, 70ns output pulse	13 990	
ICT-CF4"1/2-34.9-40-UHV-070	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, 70ns output pulse	15 360	
ICT-CF4"1/2-38.0-40-UHV-070	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, 70ns output pulse	15 460	
ICT-CF6"-47.7-40-UHV-070	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, 70ns output pulse	16 110	
ICT-CF6"-60.4-40-UHV-070	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, 70ns output pulse	16 450	
ICT-CF6"3/4-96.0-40-UHV-070	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, 70ns output pulse	20 350	
ICT-CF8"-96.0-40-UHV-070	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, 70ns output pulse	21 670	
ICT-CF10"-147.6-40-UHV-070	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, 70ns output pulse	36 020	
ICT-CF12"-198.4-40-UHV-070	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, 70ns output pulse	45 210	
ICT-CFXX"-...	ICT In-flange other sizes	Ask	
In-Flange ICT in 304 stainless steel flanges and Bakeout at 150°C			
ICT-CF3"3/8-22.2-40-UHV-070-BK150C	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	15 980	
ICT-CF4"1/2-34.9-40-UHV-070-BK150C	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	17 320	
ICT-CF4"1/2-38.0-40-UHV-070-BK150C	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	17 420	
ICT-CF6"-47.7-40-UHV-070-BK150C	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	18 060	
ICT-CF6"-60.4-40-UHV-070-BK150C	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	18 390	
ICT-CF6"3/4-96.0-40-UHV-070-BK150C	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	22 220	
ICT-CF8"-96.0-40-UHV-070-BK150C	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	23 320	
ICT-CF10"-147.6-40-UHV-070-BK150C	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	37 580	
ICT-CF12"-198.4-40-UHV-070-BK150C	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 150°C, 70ns output pulse	46 590	
ICT-CFXX"-...-070-BK150C	ICT In-flange other sizes, with Bakeout at 150°C, 70ns output pulse	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Flange ICT in 304 stainless steel flanges and Bakeout at 185°C			
ICT-CF3"3/8-22.2-40-UHV-070-BK185C	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	16 930	
ICT-CF4"1/2-34.9-40-UHV-070-BK185C	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	18 270	
ICT-CF4"1/2-38.0-40-UHV-070-BK185C	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	18 370	
ICT-CF6"-47.7-40-UHV-070-BK185C	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	19 010	
ICT-CF6"-60.4-40-UHV-070-BK185C	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	19 340	
ICT-CF6"3/4-96.0-40-UHV-070-BK185C	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	23 170	
ICT-CF8"-96.0-40-UHV-070-BK185C	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	24 270	
ICT-CF10"-147.6-40-UHV-070-BK185C	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	38 530	
ICT-CF12"-198.4-40-UHV-070-BK185C	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 185°C, 70ns output pulse	47 540	
ICT-CFXX"-...-070-BK185C	ICT In-flange other sizes, with Bakeout at 185°C, 70ns output pulse	Ask	
In-Flange ICT in 304 stainless steel flanges and Bakeout at 200°C			
ICT-CF3"3/8-22.2-40-UHV-070-BK200C	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	17 960	
ICT-CF4"1/2-34.9-40-UHV-070-BK200C	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	19 300	
ICT-CF4"1/2-38.0-40-UHV-070-BK200C	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	19 400	
ICT-CF6"-47.7-40-UHV-070-BK200C	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	20 040	
ICT-CF6"-60.4-40-UHV-070-BK200C	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	20 370	
ICT-CF6"3/4-96.0-40-UHV-070-BK200C	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	24 200	
ICT-CF8"-96.0-40-UHV-070-BK200C	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	25 300	
ICT-CF10"-147.6-40-UHV-070-BK200C	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	39 560	
ICT-CF12"-198.4-40-UHV-070-BK200C	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, with Bakeout at 200°C, 70ns output pulse	48 570	
ICT-CFXX"-...-070-070-BK200C	ICT In-flange other sizes, with Bakeout at 200°C, 70ns output pulse	Ask	

Reference Number	Designation	Price per unit (in Euros)	
Options for In-Flange ICT			
-0.50	0.50 Vs/C sensitivity	no charge	
-1.25	1.25 Vs/C sensitivity	no charge	
-2.50	2.50 Vs/C sensitivity	570	
-5.0	5.00 Vs/C sensitivity	1 010	
-10.0	10.0 Vs/C sensitivity	3 740	
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	730	
-H	Radiation-tolerant sensor option	290	
-LD	Low-droop option (available only up to 5.00 Vs/C)	790	
-OPxx	Custom XX-ns output pulse option	290	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	

Reference Number	Designation	Price per unit (in Euros)	
In-Air Integrating Current Transformer, for installation over the vacuum chamber			
ICT-016-070	ICT, 16mm ID, 70ns output pulse	3 650	
ICT-028-070	ICT, 28mm ID, 70ns output pulse	3 930	
ICT-055-070	ICT, 55mm ID, 70ns output pulse	5 180	
ICT-082-070	ICT, 82mm ID, 70ns output pulse	6 350	
ICT-122-070	ICT, 122mm ID, 70ns output pulse	7 560	
ICT-178-070	ICT, 178mm ID, 70ns output pulse	9 490	
ICT-195-070	ICT, 195mm ID, 70ns output pulse	10 050	
ICT-245-070	ICT, 245mm ID, 70ns output pulse	11 730	
ICT-XXX-070	ICT In-air other sizes, 70ns output pulse	Ask	
Options for In-Air ICT			
-0.50	0.50 Vs/C sensitivity	no charge	
-1.25	1.25 Vs/C sensitivity	no charge	
-2.50	2.50 Vs/C sensitivity	570	
-5.0	5.00 Vs/C sensitivity	1 010	
-10.0	10.0 Vs/C sensitivity	3 740	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	730	
-H	Radiation-tolerant sensor option	290	
-LD	Low-droop option (available only up to 5.00 Vs/C)	790	
-OPxx	Custom XX-ns output pulse option	290	
-VAC	Sensor degassing, "in-air" ICT only	370	

Reference Number	Designation	Price per unit (in Euros)	
Analog BCM Electronics to measure charge from ICT			
BCM-IHR-E	BCM plug-in card for 70ns output pulse ICT, bought alone	8 280	
	BCM plug-in card for 70ns output pulse ICT, bought with an ICT	6 720	
Chassis, Power Supply and Cables for ICT			
BCM-RFC/	BCM RF-Shielded powered chassis w/o wired station	1 710	
/xx	/xx number of wired stations (≤ 12), per wired station	390	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	216+14€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	540+17€/m	

Reference Number	Designation	Price per unit (in Euros)	
TURBO INTEGRATING CURRENT TRANSFORMERS AND RF BEAM CHARGE MONITOR [Turbo-ICT Range]			
In-Flange Turbo Integrating Current Transformer, for UHV installation in the beam line			
In-Flange TURBO-ICT in 304 stainless steel flanges			
TURBO-ICT-CF3"3/8-22.2-40-UHV	Turbo-ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, Noise 20 fC/pulse	19 150	
TURBO-ICT-CF4"1/2-34.9-40-UHV	Turbo-ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, Noise 20 fC/pulse	20 530	
TURBO-ICT-CF4"1/2-38.0-40-UHV	Turbo-ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, Noise 20 fC/pulse	20 630	
TURBO-ICT-CF6"-47.7-40-UHV	Turbo-ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, Noise 20 fC/pulse	21 280	
TURBO-ICT-CF6"-60.4-40-UHV	Turbo-ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, Noise 20 fC/pulse	21 600	
TURBO-ICT-CF6"3/4-96.0-40-UHV	Turbo-ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	24 570	
TURBO-ICT-CF8"-96.0-40-UHV	Turbo-ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	25 390	
TURBO-ICT-CF10"-147.6-40-UHV	Turbo-ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, Noise 20 fC/pulse	38 550	
TURBO-ICT-CF12"-198.4-40-UHV	Turbo-ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, Noise 20 fC/pulse	50 310	
TURBO-ICT-CFxx	TURBO-ICT In-flange other sizes	Ask	
In-Flange TURBO-ICT in 316LN stainless steel flanges			
TURBO-ICT-CF3"3/8-22.2-40-UHV-316LN	Turbo-ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, Noise 20fC/pulse, AISI 316LN	20 960	
TURBO-ICT-CF4"1/2-34.9-40-UHV-316LN	Turbo-ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, Noise 20fC/pulse, AISI 316LN	22 320	
TURBO-ICT-CF4"1/2-38.0-40-UHV-316LN	Turbo-ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, Noise 20fC/pulse, AISI 316LN	22 420	
TURBO-ICT-CFxx-...-316LN	TURBO-ICT In-flange other sizes, AISI 316LN	Ask	
In-Vacuum Turbo Integrating Current Transformer, for installation inside a laser-plasma vacuum enclosure			
TURBO-ICT-VAC-055	In-vacuum Turbo-ICT with 55mm aperture, Noise 20 fC/pulse	17 210	
TURBO-ICT-VAC-082	In-vacuum Turbo-ICT with 82mm aperture, Noise 20 fC/pulse	18 110	
Sensitivity options for Turbo-ICT and In-Vacuum Turbo-ICT			
-Turbo2	Noise 10 fC/pulse, RF carrier output	1 480	
Options for Turbo-ICT			
-ARB#xxx	Flanges arbitrary shape aperture, 50mm axial	Ask	
-CALFO	FO-controlled calibrated pulse gen. option	4 420	
-H	Radiation-tolerant sensor option	290	

Reference Number	Designation	Price per unit (in Euros)	
Analog BCM Electronics to measure charge from Turbo-ICT			
BCM-RF-E	BCM plug-in card for Turbo-ICT, bought alone	8 280	
	BCM plug-in card for Turbo-ICT, bought with a Turbo-ICT	6 720	
-2CH	BCM-RF-E 2-channels option	4 390	
BCM-RF-RAMP	BCM-RF remote amplifier	1 520	
Output Signal Digitalization for Turbo-ICT			
BCM-RF-DAQ	Digitizer for BCM-RF-E, bought alone	7 350	
	Digitizer for BCM-RF-E, bought with a BCM-RF-E	6 100	
Chassis, Power Supply and Cables for Turbo-ICT and DAQ			
BCM-RFC/	BCM RF-Shielded powered chassis w/o wired station	1 710	
/xx	/xx number of wired stations (≤ 12) with alimentation, per station	390	
/DSxx	/xx number of DAQ wired station with alimentation, per station	390	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	216+14€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	540+17€/m	
BCM-C400-XXX	SMA-SMA LMR400-type or similar cable, per meter	22	
BCM-C600-XXX	SMA-SMA LMR600-type or similar cable, per meter	25	
BCM-SPS	Shielded power supply for BCM-RFC	375	

Reference Number	Designation	Price per unit (in Euros)	
CUSTOM BPM ANALOG ELECTRONICS ON DEMAND (SPECIFIC DESIGN AND MANUFACTURING)			
Multiplexed BPM Analog Electronic			
MX-BPM	Multiplexed BPM Analog Electronic module for fixed RF (Operating Frequency \leq 500 MHz)	6 530	
Log-ratio BPM Analog Electronic, for single bunch, long macropulse and CW			
LR-BPM	Log-ratio BPM Analog Electronic (Operating Frequency \leq 500 MHz)	6 530	
Additional Features for LR-BPM			
-SH	Sample & Hold on X and Y	910	
-TRG	On-board beam trigger	370	
-SUM	Sum of logs output	230	
S-band BPM Analog Electronic, for single bunch, long macropulse and CW			
S-BPM	BPM Analog Electronic for S-band frequencies (operating frequency \geq 1.3 GHz)	6 530	
Additional Features for S-BPM			
-FEFA	S-band filter & amplifier, one per pickup	1 690	
-SH	Sample & Hold on X and Y	910	
-TRG	On-board beam trigger	370	
-SUM	Sum of logs output	230	
S-BPM/CUS.xx	One-time customizing charge for new frequency	Ask	
Baseband BPM Analog Electronic, for ions / medical accelerators			
BB-BPM	BPM Analog Electronic for operating Frequency $<$ 25 MHz (FEFA mandatory, not included in the price)	6 530	
Additional Features for BB-BPM			
-FEFA	Baseband Front-end Filter & Amplifier high-impedance, one per pickup	1 690	
-SUM	Sum of logs output	230	

Reference Number	Designation	Price per unit (in Euros)	
BPM Analog Electronic accessories, common to all types			
BPM-BPF/500MHz	SMA-SMA band-pass filter 500 MHz	150	
Chassis, Power Supply and Cables for BPM			
BPM-RFC/	BPM RF-Shielded powered chassis w/o wired station	2 070	
/xx	/xx number of wired stations (≤ 16), per wired station	480	
BPM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	216+14€/m	
BPM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-	540+17€/m	

Reference Number	Designation	Price per unit (in Euros)	
BEAM LOSS MONITOR [BLM Range]			
PIN-photodiode coincidence based loss detector			
BLM-SE	BLM with 7.34 mm ² PIN-diodes, single-ended output	750	

Reference Number	Designation	Price per unit (in Euros)	
IN-HOUSE SERVICES			
Recalibration			
REAJUST-ACCT-E-RM-3R	Range resetting of ACCT Electronics three range, incl. Calibration Certificate 12 months	1 870	
RECAL-IPCT	Recalibration of IPCT, incl. Calibration Certificate 12 months	390	
RECAL-NPCT-E	Recalibration of NPCT Electronics, incl. Calibration Certificate 12 months	2 680	
RECAL-BCM-IHR-E	Recalibration of BCM-IHR Electronics, incl. Calibration Certificate 12 months	2 190	
RECAL-ACCT-E-RM	Recalibration of ACCT Electronics single range, incl. Calibration Certificate 12 months	520	
RECAL-ACCT-E-RM-3R	Recalibration of ACCT Electronics three range, incl. Calibration Certificate 12 months	710	
RECAL-BPM	Recalibration of BPM Electronics, incl. Calibration Certificate 12 months	1 050	
RECAL-FCT	Recalibration of FCT sensor, incl. Calibration Certificate 12 months	560	
RECAL-ICT	Recalibration of ICT sensor, incl. Calibration Certificate 12 months	560	
RECAL-Turbo-ICT-BCM-RF	Recalibration of Turbo-ICT sensor with his BCM-RF Electronics, incl. Calibration Certificate 12 months	1 125	
RECAL-CWCT-BCM-CW-E	Recalibration of CWCT sensor with his BCM-CW Electronics, incl. Calibration Certificate 12 months	1 125	
Electronics Repairs			
REPAIR-SENSOR-E	Electronics of CT sensor Restored to original performance, incl. calibration	Ask	
REPAIR-BCM-CW-E	Electronics of CWCT Restored to original performance, incl. calibration	6 610	
REPAIR-NPCT-E	Electronics of NPCT Restored to original performance, incl. calibration	1 350	
REPAIR-IPCT	Electronics of IPCT Restored to original performance, incl. calibration	560	
REPAIR-BCM-E	Electronics of BCM Restored to original performance, incl. calibration	Ask	
REPAIR-BPM-E	Electronics of BPM Restored to original performance, incl. calibration	1 390	
REPAIR-MX-BPM	Electronics of MX-BPM Restored to original performance, incl. calibration	1 390	
REPAIR-BLM-E	Electronics of BLM Restored to original performance, incl. calibration	NA	
Broken Connector (on sensor FCT, ICT, Turbo-ICT, CWCT, ACCT-in air, NPCT-in air)			
REPAIR-BC-INAIR-CT	Broken Connector Repair for In-Air Sensor, Restored to original performance, incl. calibration	Ask	
REPAIR-BC-INAIR-FCT016	Broken Connector Repair for In-Air FCT016, Restored to original performance, incl. calibration	Ask	
REPAIR-BC-INFLANGE-CT	Broken Connector Repair for In-Flange Sensor, Restored to original performance, incl. calibration	Ask	
Other Changes and Repairs			
REPAIR-T-ICT-VAC-FEFA-TO-RAMP	Change of In-VAC FEFA to RAMP, and calibration	1 190	
REPAIR-CT-Heat /-radiations	Repair of CT Sensor damaged by heat or radiations (when possible)	Ask	
REFURB-Sensors	Refurbishing of CT Sensor (when applicable)	Ask	

Reference Number	Designation	Price per unit (in Euros)	
SUPPORT to CUSTOMERS			
Upgrade			
UPGRADE-E	Upgrade of Electronics (when applicable)	Ask	
UPGRADE-PIC /-GUI	Upgrade of PIC or GUI (when applicable)	Ask	
Special Design / Development			
ECN	Engineering costs	Ask	
Testing On Site			
TEST-DEV	Testing device for CT	1 270	
TRAINING On-Site (without travel and expenses)			
1D1P-TRAINING	1 day training on 1 instrument, group below 5 people	1 700	
SD-TRAINING	several days training	Ask	

Reference Number	Designation	Price per unit (in Euros)
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WARRANTY Applicable to Purchase orders since September 1st, 2024

Table of warranty periods

Product line	1-year warranty	5-year warranty
In-Air Sensor ACCT, FCT, ICT, NPCT, MPCT, including internal or sensor-attached options		☑
In-Flange Sensor ACCT, CWCT, FCT, ICT, NPCT, TURBO-ICT, including internal or sensor-attached options		☑
In-VAC Sensor, including internal or sensor-attached options		☑
Sensor CR-BCM		☑
Sensor IPCT	☑	
Analog Electronics, including BCM, BPM, BLM, CR-BCM-E	☑	
Digital Electronics	☑	
Chassis	☑	
Power stations	☑	
Cables	☑	
External or options non-attached to sensors	☑	

Reference Number	Designation	Price per unit (in Euros)	
Warranty Conditions			
<p>Any Product sold and/or delivered by BERGOZ INSTRUMENTATION benefits, in accordance with legal provisions, from a warranty against any hidden defect, material, design or manufacturing fault affecting the delivered Product and rendering it unfit for its intended use. The burden of proof of such defects lies with the Customer. Any interventions carried out by BERGOZ INSTRUMENTATION under this warranty shall in no case have the effect of extending the duration of the warranty or of starting a new period. This warranty will only be effective if the Customer complies with its commitments.</p> <p>In all cases, all warranties are excluded:</p> <ul style="list-style-type: none"> - When the product covered by the warranty has been disassembled, modified or repaired by a third party, - When the damage results from wear and tear of the Product caused by a lack of maintenance, clumsiness, negligence, inexperience or use of the Product not foreseen or accepted by BERGOZ INSTRUMENTATION, or with safety margins that are too low. - In the event of misuse, non-application of the User Manual, negligence or lack of maintenance on the part of the Customer, as well as in the event of normal wear and tear or force majeure. - In the event of use outside the sold specifications. <p>The warranty period (see table below) corresponding to the warranty provided by the manufacturer begins on the day the Customer takes possession of the purchased Product, formalized by the corresponding invoice. In order to assert rights and benefit from the warranty under the conditions defined by the manufacturer or supplier, the Customer must inform BERGOZ INSTRUMENTATION, in writing, by registered letter with acknowledgement of receipt, of the existence of the defects with appropriate justification (proof of purchase), within a maximum of 3 days of their discovery. BERGOZ INSTRUMENTATION will repair or exchange products or parts under warranty deemed defective with the prior agreement of BERGOZ INSTRUMENTATION. It is hereby specified that the Customer shall not be entitled to claim any compensation for the immobilization of the equipment in order to invoke the warranty.</p> <p>For products with a 5-year warranty, the warranty is excluded:</p> <ul style="list-style-type: none"> - Where there is mechanical breakage, including connectors - When the product is subjected to radiation outside the sold specifications - When the product is subjected to an electromagnetic environment outside the sold specifications. - When the product is subjected to a temperature rise outside the sold specifications. <p>For Electronics, the warranty is excluded:</p> <ul style="list-style-type: none"> - When a software or firmware upgrade is required. - Where there is mechanical breakage, including connectors. <p>For cables, the warranty is excluded:</p> <ul style="list-style-type: none"> - when cable deformation beyond specifications - Where there is mechanical breakage, including connectors <p>For Chassis or Power station, the warranty is excluded:</p> <ul style="list-style-type: none"> - Where there is mechanical deformation or breakage, including connectors - When the product is subjected to radiation outside the sold specifications - When the product is subjected to an electromagnetic environment outside the sold specifications - When the product is subjected to a rise in temperature outside the sold specifications. 			
WAREX1	1 year Warranty extension	1% Total Selling Price (min100€)	
WAREX2	2 years Warranty extension	1,8% Total Selling Price (min150€)	

Reference Number	Designation	Price per unit (in Euros)	
Recalibration and repair conditions			
1- Product under warranty			
<ul style="list-style-type: none"> * Bergoz Instrumentation guarantees the product purchased by the customer to be free from defect(s) resulting from the use of faulty parts or poor workmanship during its shipment, reception, installation, usage as well as repair made by the customer * The standard period of warranty is as per table here above, from shipment date * The warranty includes the standard services, meaning for instance diagnostics or repair or re-calibration * The shipment of product back to factory is paid by the customer, as well as custom fees (incoterms DDP) * The shipment of repaired product to customer is paid by Bergoz Instrumentation (Incoterms DAP) * The customer must ask for a RMA (Return Material Authorization) number to Bergoz Instrumentation or the distributor, before shipment reception, installation, usage as well as repair made by the customer 			
2- Product out of warranty			
<ul style="list-style-type: none"> * The prices from the Bergoz Instrumentation pricelist or quoted are net, with no discount * The shipment of product back to factory is paid by the customer, as well as custom fees (Incoterms DDP) * The shipment of repaired product to customer is paid by Bergoz Instrumentation (Incoterms DAP) * The customer must ask for a RMA (Return Material Authorization) number to Bergoz Instrumentation or the distributor, before shipment 			

Reference Number	Designation	Price per unit (in Euros)
TERMS & CONDITIONS (Refer to our T&C's for more details)		
Per order	Prices in Euro	
	Standard Applicable Incoterms ICC2023: EXW Saint Genis Pouilly (France)	
	Alternative Incoterms ICC2020: DAP with our account and invoicing to customer	
	Other Incoterms	Ask
	Payment terms when Direct Selling: 30 days net after invoice date, by bank transfer	
	Other Payment Terms when Selling via Distributor: the Distributor T&C's	Ask
	All bank transfer fees paid by the buyer	
	Our VAT number: FR88414997130	
Discount per quantity	Quantity per order	Discount
	1-2 :	0%
	3-5:	3 %
	6-9:	5%
	10-24:	7 %
	more than 25	Ask
	Firm Order with multideliveries covering a period of 6 months, or 1 year or 2 years	Ask
Discount for OEM (industry in particle accelerator design, manufacturing and sales activity)	ONLY For sales done by Bergoz Instrumentation directly to the OEM (Exclusion of territories handled by distributors)	
	Quantity per order	Discount
	1-4:	5%
	5-9:	8%
	10-24:	12%
	more than 25	Ask
	Firm Order with multideliveries covering a period of 6 months, or 1 year or 2 years	Ask
END OF PRICE LIST		