

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
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 Electronics cassettes (one as spare)</i>			
In-Flange NPCT with 304 stainless steel flanges			
NPCT-CF2"1/8-22.2-120-UHV	NPCT 22.2-mm ID, DN/NW25CF, 120mm axial	48 660 €	
NPCT-CF2"3/4-34.9-120-UHV	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial	50 490 €	
NPCT-CF3"3/8-38.0-120-UHV	NPCT 38.0-mm ID, DN/NW50CF, 120mm axial	52 250 €	
NPCT-CF4"1/2-47.7-120-UHV	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial	55 990 €	
NPCT-CF4"1/2-60.4-120-UHV	NPCT 60.4-mm ID, DN/NW63CF, 120mm axial	63 850 €	
NPCT-CF6"-96.0-120-UHV	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial	68 750 €	
NPCT-CF8"-147.6-120-UHV	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial	98 730 €	
NPCT-CF10"-198.4-120-UHV	NPCT 198.4-mm ID, DN/NW200CF, 120mm axial	123 220 €	
NPCT-CFXX"	NPCT In-flange other sizes	Ask	
In-Flange NPCT with 316LN stainless steel flanges			
NPCT-CF2"3/4-34.9-120-UHV-316LN	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial, AISI 316LN	52 180 €	
NPCT-CF4"1/2-47.7-120-UHV-316LN	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial, AISI 316LN	57 850 €	
NPCT-CF6"-96.0-120-UHV-316LN	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial, AISI 316LN	70 550 €	
NPCT-CF8"-147.6-120-UHV-316LN	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial, AISI 316LN	100 470 €	
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	
-316LN	AISI 316LN option, instead of 304	1 780 €	
-CXXX	Cable between sensor and electronics, per meter	53 €	
-RHCXXX	Rad-tolerant cable between sensor and electronics, per meter	76 €	
-HR	High-resolution sensor option	14 030 €	
-VHR	Very high-resolution sensor option	21 610 €	
-H	Radiation-tolerant sensor option	1 440 €	
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 Electronics cassettes (one as spare)</i>			
NPCT-055	New-PCT sensor, >55mm ID	33 200 €	
NPCT-075	New-PCT sensor, >75mm ID	34 430 €	
NPCT-115	New-PCT sensor, >115mm ID	36 680 €	
NPCT-130	New-PCT sensor, >130mm ID	37 550 €	
NPCT-175	New-PCT sensor, >175mm ID	40 910 €	
NPCT-195	New-PCT sensor, >195mm ID	41 820 €	
NPCT-202	New-PCT sensor, >202mm ID	43 510 €	
NPCT-245	New-PCT sensor, >245mm ID	46 670 €	
NPCT-XXX	NPCT In-air other sizes	Ask	
Options for In-Air NPCT			
-CXXX	Cable between sensor and electronics, per meter	53 €	
-RHCXXX	Rad-tolerant cable between sensor and electronics, per meter	76 €	
-HR	High-resolution sensor option	14 030 €	
-VHR	Very high-resolution sensor option	21 610 €	
-H	Radiation-tolerant sensor option (includes 2m potted cable)	1 440 €	

International pricelist in Euro
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update on Oct 5th, 2023

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DC CURRENT TRANSFORMERS to measure current in wires [IPCT Range]			
Integrated Parametric Current Transformer			
IPCT-xxmA	IPCT, factory-set range: $\pm 10\text{mA}$ or $\pm 20\text{mA}$ or $\pm 50\text{mA}$	2 860 €	
IPCT-xxxmA	IPCT, factory-set range: $\pm 100\text{mA}$ or $\pm 200\text{mA}$ or $\pm 500\text{mA}$	2 860 €	
IPCT-xA	IPCT, factory-set range: $\pm 1\text{A}$ or $\pm 2\text{A}$ or $\pm 5\text{A}$	2 860 €	
IPCT-xxxmA	IPCT, factory-set range: $\pm 1\text{mA}$ or $\pm 2\text{mA}$ or $\pm 5\text{mA}$	3 150 €	
Options for IPCT			
-SR-xxxxmA	Option for special range, e.g., $\pm 25\text{mA}$, add	320 €	
-0.01%	High-accuracy calibration option 0.01%+-10uA	405 €	
Accessories for IPCT			
IPCT-PS-BNC	90-245Vac power supply & BNC output for IPCT	520 €	
IPCT-CALCERT	IPCT initial certificate of Calibration w/documents	220 €	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
AC CURRENT TRANSFORMERS [ACCT Range]			
In-Flange AC Current Transformer sensors, for UHV installation in the beam line			
ACCT-CF3"3/8-22.2-40-UHV	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 710 €	
ACCT-CF4"1/2-34.9-40-UHV	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 050 €	
ACCT-CF4"1/2-38.0-40-UHV	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 150 €	
ACCT-CF6"-47.7-40-UHV	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 790 €	
ACCT-CF6"-60.4-40-UHV	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 120 €	
ACCT-CF6"3/4-96.0-40-UHV	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial	19 950 €	
ACCT-CF8"-96.0-40-UHV	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	21 050 €	
ACCT-CF10"-147.6-40-UHV	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial	35 310 €	
ACCT-CF12"-198.4-40-UHV	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial	44 320 €	
ACCT-CFXX"	ACCT In-flange other sizes	Ask	
Options for In-Flange ACCT			
-LN	Low Noise option	3 500 €	
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-BK150C	Bakeout at 150°C option	2 270 €	
-BK185C	Bakeout at 185°C option	3 220 €	
-BK200C	Bakeout at 200°C option	4 250 €	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	680 €	
-H	Radiation-tolerant sensor option	270 €	
-SH2L	2-layer embedded shield option	Ask	
-SH4L	4-layer embedded shield option	Ask	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	
In-Air AC Current Transformer, for installation over the vacuum chamber			
ACCT-S-016	ACCT sensor head, 16mm ID	2 150 €	
ACCT-S-028	ACCT sensor head, 28mm ID	2 660 €	
ACCT-S-055	ACCT sensor head, 55mm ID	3 310 €	
ACCT-S-082	ACCT sensor head, 82mm ID	4 150 €	
ACCT-S-122	ACCT sensor head, 122mm ID	5 250 €	
ACCT-S-178	ACCT sensor head, 178mm ID	6 650 €	
ACCT-S-195	ACCT sensor head, 195mm ID	7 230 €	
ACCT-S-245	ACCT sensor head, 245mm ID	9 450 €	
ACCT-S-XXX	ACCT In-air other sizes	Ask	
Options for In-Air ACCT			
-LN	Low Noise option	3 500 €	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	680 €	
-H	ACCT radiation-tolerant sensor	270 €	
-SH2L	2-layer embedded shield option	Ask	
-SH4L	4-layer embedded shield option	Ask	
-VAC	Sensor degassing option, for vacuum > 1E-4 Mbar	360 €	
ACCT Electronics (mandatory)			
ACCT-E-RM-3R-xxx/yyy/zzz mA	ACCT rail-mount electronics, 3 ranges, FS ±1mA...±2A, includes 1-turn calibration winding with BNO connector	5 450 €	
ACCT-E-RM-xxx mA	ACCT rail-mount electronics, FS ±1mA...±2A	2 050 €	
-3M	Option Bandwidth extended to 3MHz	270 €	
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International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

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Power Supply and Cables for ACCT			
ACCT-PS-1515	ACCT rail-mount power supply	270 €	
ACCT-PS-2415	ACCT rail-mount power supply +24Vdc/±15Vdc	270 €	
ACCT-C-XXm	Sensor cable w/PVC jacket, XX meters, per meter	210+23€/m	
ACCT-RHC-XXm	Rad-tolerant Siltem sensor cable, XX meters, per meter	210+46€/m	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

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CONTINUOUS WAVE CURRENT TRANSFORMERS AND ELECTRONICS [CWCT Range]			
In-Flange CW Current Transformer, for UHV installation in the beam line			
CWCT-CF3"3/8-22.2-40-UHV	CWCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 440 €	
CWCT-CF4"1/2-34.9-40-UHV	CWCT, in DN/NW63CF, 34.9mm ID, 40mm axial	14 750 €	
CWCT-CF4"1/2-38.0-40-UHV	CWCT, in DN/NW63CF, 38.0mm ID, 40mm axial	14 850 €	
CWCT-CF6"-47.7-40-UHV	CWCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 480 €	
CWCT-CF6"-60.4-40-UHV	CWCT, in DN/NW100CF, 60.4mm ID, 40mm axial	15 800 €	
CWCT-CF6"3/4-96.0-40-UHV	CWCT, in DN/NW130CF, 96.0mm ID, 40mm axial	18 650 €	
CWCT-CF8"-96.0-40-UHV	CWCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	19 450 €	
CWCT-CF10"-147.6-40-UHV	CWCT, in DN/NW200CF, 147.6mm ID, 40mm axial	32 100 €	
CWCT-CF12"-198.4-40-UHV	CWCT, in DN/NW250CF, 198.4mm ID, 40mm axial	43 450 €	
CWCT-CFXX"	CWCT In-flange other sizes	Ask	
Additional Feature for Low CW Currents			
-LC	Low currents option for CWCT	7 100 €	
Options for In-Flange CWCT			
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-BK150C	Bakeout at 150°C option	2 270 €	
-BK185C	Bakeout at 185°C option	3 220 €	
-BK200C	Bakeout at 200°C option	4 250 €	
-H	Radiation-tolerant sensor option	270 €	
-RFBYP	RF-bypass over ceramic option	1 010 €	
Beam Charge Monitor to measure CW and/or macropulse average current			
BCM-CW-E	BCM plug-in card for CWCT, bought alone	8 280 €	
BCM-CW-E	BCM plug-in card for CWCT, bought with a CWCT	6 720 €	
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 € 375 €	
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 130 €	
BCM-C-xxx	BCM SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	210+14€/m	
BCM-RHC-xxx	BCM SMA-SMA Radox 2-shield, PEEK connectors,xxx-m.	525+17€/m	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
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 harmonic, One Analog Electronic, One chassis with 1 station</i>			
CR-BCM2H	Cavity Resonator Beam current monitor, 2nd harmonic	37 100 €	
CR-BCM3H	Cavity Resonator Beam current monitor, 3Rd harmonic	37 100 €	
Output Signal Digitalization			
	Digitizer for CR-BCM	ask	Instrumentation Technologies

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
FAST CURRENT TRANSFORMERS [FCT Range]			
In-Flange Fast Current Transformers, for UHV installation in the beam line			
FCT-CF3"3/8-22.2-40-UHV	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 710 €	
FCT-CF4"1/2-34.9-40-UHV	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 050 €	
FCT-CF4"1/2-38.0-40-UHV	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 150 €	
FCT-CF6"-47.7-40-UHV	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 790 €	
FCT-CF6"-60.4-40-UHV	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 120 €	
FCT-CF6"3/4-96.0-40-UHV	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial	19 950 €	
FCT-CF8"-96.0-40-UHV	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	21 050 €	
FCT-CF10"-147.6-40-UHV	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial	35 310 €	
FCT-CF12"-198.4-40-UHV	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial	44 320 €	
FCT-CFXX"	FCT In-flange other sizes	Ask	
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 option	560 €	
-5.0	Sensitivity 5.00 V/A in 50 ohms option	990 €	
-10.0	Sensitivity 10.0 V/A in 50 ohms option	Ask	
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-BK150C	Bakeout at 150°C option	2 270 €	
-BK185C	Bakeout at 185°C option	3 220 €	
-BK200C	Bakeout at 200°C option	4 250 €	
-H	Radiation-tolerant sensor option	270 €	
-LD	Low-droop option	780 €	
-RFBYP	RF-bypass over ceramic option	1 010 €	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	
In-Air Fast Current Transformers, for installation over the vacuum chamber			
FCT-016	FCT, 16mm ID	2 150 €	
FCT-028	FCT, 28mm ID	2 660 €	
FCT-055	FCT, 55mm ID	3 310 €	
FCT-082	FCT, 82mm ID	4 150 €	
FCT-122	FCT, 122mm ID	5 250 €	
FCT-178	FCT, 178mm ID	6 650 €	
FCT-195	FCT, 195mm ID	7 230 €	
FCT-245	FCT, 245mm ID	9 450 €	
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, add	560 €	
-5.0	5.0 V/A sensitivity, add	990 €	
-H	Radiation-tolerant sensor option	270 €	
-LD	Low-droop option	780 €	
-VAC	Sensor degassing option, for vacuum > 1E-4 Mbar	360 €	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
INTEGRATING CURRENT TRANSFORMERS AND ELECTRONICS [ICT Range]			
In-Flange Integrating Current Transformer, for UHV installation in the beam line			
ICT-CF3"3/8-22.2-40-UHV	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 710 €	
ICT-CF4"1/2-34.9-40-UHV	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial	15 050 €	
ICT-CF4"1/2-38.0-40-UHV	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial	15 150 €	
ICT-CF6"-47.7-40-UHV	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 790 €	
ICT-CF6"-60.4-40-UHV	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial	16 120 €	
ICT-CF6"3/4-96.0-40-UHV	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial	19 950 €	
ICT-CF8"-96.0-40-UHV	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial	21 050 €	
ICT-CF10"-147.6-40-UHV	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial	35 310 €	
ICT-CF12"-198.4-40-UHV	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial	44 320 €	
ICT-CFXX"	ICT In-flange other sizes	Ask	
Options for In-Flange ICT			
-0.50	0.50 Vs/C sensitivity, 70ns output pulse	no charge	
-1.25	1.25 Vs/C sensitivity, 70ns output pulse	no charge	
-2.50	2.50 Vs/C sensitivity, 70ns output pulse	560 €	
-5.0	5.00 Vs/C sensitivity, 70ns output pulse	990 €	
-10.0	10.0 Vs/C sensitivity, 70ns output pulse (2-core)	3 660 €	
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-BK150C	Bakeout at 150°C option	2 270 €	
-BK185C	Bakeout at 185°C option	3 220 €	
-BK200C	Bakeout at 200°C option	4 250 €	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	680 €	
-H	Radiation-tolerant sensor option	270 €	
-LD	Low-droop option (available only up to 5.00 Vs/C)	780 €	
-OPxx	Custom XX-ns output pulse option	275 €	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	
In-Air Integrating Current Transformer, for installation over the vacuum chamber			
ICT-016	ICT, 16mm ID	3 570 €	
ICT-028	ICT, 28mm ID	3 850 €	
ICT-055	ICT, 55mm ID	5 070 €	
ICT-082	ICT, 82mm ID	6 220 €	
ICT-122	ICT, 122mm ID	7 410 €	
ICT-178	ICT, 178mm ID	9 300 €	
ICT-195	ICT, 195mm ID	9 850 €	
ICT-245	ICT, 245mm ID	11 500 €	
ICT-XXX	ICT In-air other sizes	Ask	
Options for In-Air ICT			
-0.50	0.50 Vs/C sensitivity, 70ns output pulse	no charge	
-1.25	1.25 Vs/C sensitivity, 70ns output pulse	no charge	
-2.50	2.50 Vs/C sensitivity, 70ns output pulse	560 €	
-5.0	5.00 Vs/C sensitivity, 70ns output pulse	990 €	
-10.0	10.0 Vs/C sensitivity, 70ns output pulse	3 660 €	
-CAW1_50	1-turn calibration winding, loaded 50ohms (0.25W), SMA connector	680 €	
-H	Radiation-tolerant sensor option	270 €	
<i>to be continued next page</i>			

International pricelist in Euro
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update on Oct 5th, 2023

Reference Number	Designation	Price	
-LD	Low-droop option (available only up to 5.00 Vs/C)	780 €	
-OPxx	Custom XX-ns output pulse option	275 €	
-VAC	Sensor degassing, "in-air" ICT only	360 €	
Beam Charge Monitor to measure charge from ICT			
BCM-IHR-E	BCM plug-in card for 70ns output pulse ICT, bought alone	8 120 €	
BCM-IHR-E	BCM plug-in card for 70ns output pulse ICT, bought with an ICT	6 590 €	
Chassis, Power Supply and Cables for ICT			
BCM-RFC/ /xx	BCM RF-Shielded powered chassis w/o wired station /xx number of wired stations (≤ 12), per wired station	1 750 € 375 €	
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 130 €	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	210+14€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	525+17€/m	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

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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 with 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	18 770 €	
TURBO-ICT-CF4"1/2-34.9-40-UHV	Turbo-ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, Noise 20 fC/pulse	20 120 €	
TURBO-ICT-CF4"1/2-38.0-40-UHV	Turbo-ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, Noise 20 fC/pulse	20 220 €	
TURBO-ICT-CF6"-47.7-40-UHV	Turbo-ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, Noise 20 fC/pulse	20 860 €	
TURBO-ICT-CF6"-60.4-40-UHV	Turbo-ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, Noise 20 fC/pulse	21 170 €	
TURBO-ICT-CF6"3/4-96.0-40-UHV	Turbo-ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	24 080 €	
TURBO-ICT-CF8"-96.0-40-UHV	Turbo-ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	24 890 €	
TURBO-ICT-CF10"-147.6-40-UHV	Turbo-ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, Noise 20 fC/pulse	37 790 €	
TURBO-ICT-CF12"-198.4-40-UHV	Turbo-ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, Noise 20 fC/pulse	49 320 €	
TURBO-ICT-CFxx	TURBO-ICT In-flange other sizes	Ask	
In-Flange TURBO-ICT with 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	20 540 €	
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	21 880 €	
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	21 980 €	
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	16 870 €	
TURBO-ICT-VAC-082	In-vacuum Turbo-ICT with 82mm aperture, Noise 20 fC/pulse	17 750 €	
Sensitivity options for Turbo-ICT and In-Vacuum Turbo-ICT			
-Turbo2	Noise 10 fC/pulse, RF carrier output	1 450 €	
Options for Turbo-ICT			
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-CALFO	FO-controlled calibrated pulse gen. option	4 330 €	
-H	Radiation-tolerant sensor option	270 €	
Beam Charge Monitor to measure charge from Turbo-ICT			
BCM-RF-E	BCM plug-in card for Turbo-ICT, bought alone	8 120 €	
BCM-RF-E	BCM plug-in card for Turbo-ICT, bought with a Turbo-ICT	6 590 €	
-2CH	BCM-RF-E 2-channels option	4 300 €	
BCM-RF-RAMP	BCM-RF remote amplifier	1 490 €	
Output Signal Digitalization			
BCM-RF-DAQ	Digitizer for BCM-RF-E, bought alone	7 350 €	
BCM-RF-DAQ	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/ /xx	BCM RF-Shielded powered chassis w/o wired station /xx number of wired stations (≤ 12) with alimentation, per station	1 750 € 375 €	rev
/DSxx	/xx number of DAQ wired station with alimentation, per station	375 €	rev
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 130 €	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	210+14€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	525+17€/m	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
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)	6 400 €	
Log-ratio BPM Analog Electronic, for single bunch, long macropulse and CW			
LR-BPM	Log-ratio BPM Analog Electronic (Operating Frequency \leq 500 MHz)	6 400 €	
Additional Features for LR-BPM			
-SH	Sample & Hold on X and Y	890 €	
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
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)	6 400 €	
Additional Features for S-BPM			
-FEFA	S-band filter & amplifier, one per pickup	1 660 €	
-SH	Sample & Hold on X and Y	890 €	
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
S-BPM/CUS.xx	One-time customizing charge for new frequency	Ask	
S-BPM-FEFA/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)	6 400 €	
Additional Features for BB-BPM			
-FEFA	Baseband Front-end Filter & Amplifier high-impedance, one per pickup	1 660 €	
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
BB-BPM/CUS.xx	One-time customizing charge for new frequency	Ask	
BPM Analog Electronic accessories, common to all types			
BPM-BPF/500MHz	SMA-SMA band-pass filter 500 MHz	145 €	
BPM-XTD	Module extender	790 €	
Chassis, Power Supply and Cables for BPM			
BPM-RFC/ /xx	BPM RF-Shielded powered chassis w/o wired station /xx number of wired stations (\leq 16), per wired station	2 070 € 460 €	
BPM-EPS	Enclosure and power supply for 1 BPM module	980 €	
BPM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	210+14€/m	
BPM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-	525+17€/m	



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International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
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 €	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
IN-HOUSE SERVICES			
Function Test			
In-House-FT-E	Function test of Electronics	Ask	
In-House-FT-CT	Function test of Sensor	Ask	
Recalibration			
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	Ask	
RECAL-CWCT-BCM-CW-E	Recalibration of CWCT sensor with his BCM-CW Electronics, incl. Calibration Certificate	Ask	
Electronics Repairs			
REPAIR-SENSOR-E	Electronics of CT sensor Restored to original performance, incl. calibration	Ask	
REPAIR-BCM-E	Electronics of BCM Restored to original performance, incl. calibration	Ask	
REPAIR-BPM-E / -BLM-E	Electronics of BPM or BLM Restored to original performance, incl. calibration	Ask	
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-INFLANGE-CT	Broken Connector Repair for in Flange Sensor, Restored to original performance, incl. calibration	Ask	
Upgrade			
UPGRADE-E	Upgrade of Electronics (when applicable)	Ask	
UPGRADE-PIC /-GUI	Upgrade of PIC or GUI (when applicable)	Ask	
Other Repairs			
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	
SUPPORT to CUSTOMERS			
Warranty Extension			
WAREX1	1 year Warranty extension	Ask	
WAREX2	2 years Warranty extension	Ask	
Special Design / Development			
ECN	Engineering costs	Ask	
Testing On Site			
TEST-DEV	Testing device for CT	Ask	
TRAINING On-Site (without travel and expenses)			
1D1P-TRAINING	1 day training on 1 instrument, group below 5 people	1 650 €	
SD-TRAINING	several days training	Ask	

International pricelist in Euro
Valid since OCTOBER 1st, 2023

update on Oct 5th, 2023

Reference Number	Designation	Price	
TERMS & CONDITIONS			
Per order	Prices in Euro		
	Standard Applicable Incoterms ICC2020: FCA Saint Genis Pouilly (France)		
	Other Incoterms	Ask	
	Payment terms when Direct Sale: 30 days net after invoice date, by bank transfer		
	Other Payment Terms when Sale via Distributor	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)	<i>ONLY For sales done by Bergoz Instrumentation directly to the OEM (Exclusion of territories handled by distributors)</i>		
	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	
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 one (1) year 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 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 			
END OF PRICE LIST			