

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>DC CURRENT TRANSFORMER TO MEASURE BEAM DC CURRENT [NPCT Range]</b>			
<b>In-Flange New Parametric Current Transformer, for UHV installation in the beam line</b>			
<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>			
<b>In-Flange NPCT with 304 stainless steel flanges</b>			
NPCT-CF2"1/8-22.2-120-UHV	NPCT 22.2-mm ID, DN/NW25CF, 120mm axial	47 700 €	
NPCT-CF2"3/4-34.9-120-UHV	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial	49 500 €	
NPCT-CF3"3/8-38.0-120-UHV	NPCT 38.0-mm ID, DN/NW50CF, 120mm axial	51 200 €	
NPCT-CF4"1/2-47.7-120-UHV	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial	54 900 €	
NPCT-CF4"1/2-60.4-120-UHV	NPCT 60.4-mm ID, DN/NW63CF, 120mm axial	62 600 €	
NPCT-CF6"-96.0-120-UHV	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial	67 400 €	
NPCT-CF8"-147.6-120-UHV	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial	96 800 €	
NPCT-CF10"-198.4-120-UHV	NPCT 198.4-mm ID, DN/NW200CF, 120mm axial	120 800 €	
NPCT-CFXX"	NPCT in-Flange other sizes	Ask	
<b>In-Flange NPCT with 316LN stainless steel flanges</b>			
NPCT-CF2"3/4-34.9-120-UHV-316LN	NPCT 34.9-mm ID, DN40/NW35CF, 120mm axial, AISI 316LN	51 150 €	x
NPCT-CF4"1/2-47.7-120-UHV-316LN	NPCT 47.7-mm ID, DN/NW63CF, 120mm axial, AISI 316LN	56 700 €	x
NPCT-CF6"-96.0-120-UHV-316LN	NPCT 96.0-mm ID, DN/NW100CF, 120mm axial, AISI 316LN	69 150 €	x
NPCT-CF8"-147.6-120-UHV-316LN	NPCT 147.6-mm ID, DN/NW160CF, 120mm axial, AISI 316LN	98 500 €	x
NPCT-CFXX"-...-316LN	NPCT in-Flange with AISI 316LN in other sizes	Ask	x
<b>Options for In-Flange NPCT</b>			
-ARB#xxx	Non-round, arbitrary shape aperture option	Ask	
-CXXX	Interconnect cable, per meter	50 €	
-RHCXXX	Rad-tolerant interconnect cable, per meter	72 €	
-HR	High-resolution sensor option	13 760 €	
-VHR	Very high-resolution sensor option	21 180 €	
-H	Radiation-tolerant sensor option with 2m cable(for NPCT in-flange)	1 410 €	
<b>In-Air New Parametric Current Transformer, for installation over the vacuum chamber</b>			
<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	32 550 €	
NPCT-075	New-PCT sensor, >75mm ID	33 750 €	
NPCT-115	New-PCT sensor, >115mm ID	35 950 €	
NPCT-130	New-PCT sensor, >130mm ID	36 800 €	
NPCT-175	New-PCT sensor, >175mm ID	40 100 €	
NPCT-195	New-PCT sensor, >195mm ID	41 000 €	
NPCT-202	New-PCT sensor, >202mm ID	42 650 €	
NPCT-245	New-PCT sensor, >245mm ID	45 750 €	
NPCT-XXX	NPCT in-Air other sizes	Ask	
<b>Options for In-Air NPCT</b>			
-CXXX	Sensor PP cable , per meter	50 €	
-RHCXXX	Rad-tolerant Siltem sensor cable, per meter	72 €	
-HR	High-resolution sensor option	13 760 €	
-VHR	Very high-resolution sensor option	21 180 €	
-H	Radiation-tolerant sensor option with 2m cable potted (for NPCT in-air)	1 410 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>DC CURRENT TRANSFORMERS to measure current in wires [IPCT Range]</b>			
<b>Integrated Parametric Current Transformer</b>			
IPCT-xxxmA	IPCT, factory-set range: $\pm 10\text{mA}$ to $\pm 5\text{A}$ in 1-2-5 steps	2 770 €	
IPCT-xxxmA	IPCT, factory-set range $\pm 1\text{mA}$ and $\pm 5\text{mA}$	3 050 €	
<b>Options for IPCT</b>			
-SR-xxxxmA	Option for range other than 1-2-5 steps, e.g., $\pm 25\text{mA}$ , add	310 €	
-0.01%	High-accuracy calibration option 0.01%+10uA	390 €	
<b>Accessories for IPCT</b>			
IPCT-PS-BNC	90-245Vac power supply & BNC output for IPCT	510 €	
IPCT-CALCERT	IPCT initial certificate of Calibration w/documents	215 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>AC CURRENT TRANSFORMERS (BW: 3 Hz up to 1 MHz) [ACCT Range]</b>			
<b>In-Flange AC Current Transformer sensors, for UHV installation in the beam line</b>			
ACCT-CF3"3/8-22.2-40-UHV	ACCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 440 €	
ACCT-CF4"1/2-34.9-40-UHV	ACCT, in DN/NW63CF, 34.9mm ID, 40mm axial	14 750 €	
ACCT-CF4"1/2-38.0-40-UHV	ACCT, in DN/NW63CF, 38.0mm ID, 40mm axial	14 850 €	
ACCT-CF6"-47.7-40-UHV	ACCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 480 €	
ACCT-CF6"-60.4-40-UHV	ACCT, in DN/NW100CF, 60.4mm ID, 40mm axial	15 800 €	
ACCT-CF6"3/4-96.0-40-UHV	ACCT, in DN/NW130CF, 96.0mm ID, 40mm axial	18 650 €	
ACCT-CF8"-96.0-40-UHV	ACCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	19 450 €	
ACCT-CF10"-147.6-40-UHV	ACCT, in DN/NW200CF, 147.6mm ID, 40mm axial	32 100 €	
ACCT-CF12"-198.4-40-UHV	ACCT, in DN/NW250CF, 198.4mm ID, 40mm axial	43 450 €	
ACCT-CFXX"	ACCT in-Flange other sizes	Ask	
<b>Options for In-Flange ACCT</b>			
-2CORE	2-core ACCT sensor 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 €	
-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	
<b>In-Air AC Current Transformer, for installation over the vacuum chamber</b>			
ACCT-S-016	ACCT sensor head, 16mm ID	1 850 €	
ACCT-S-028	ACCT sensor head, 28mm ID	2 250 €	
ACCT-S-055	ACCT sensor head, 55mm ID	3 210 €	
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	
<b>Options for In-Air ACCT</b>			
-2CORE	2-core ACCT sensor option	Ask	
-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	340 €	
<b>ACCT Electronics (mandatory)</b>			
ACCT-E-RM-3R-xxx/yyy/zzmA	New ACCT rail-mount electronics, 3 ranges, FS ±1mA...±2A, includes 1-turn calibration winding with BNO connector	5 180 €	
ACCT-E-RM-xxxmA	ACCT rail-mount electronics, FS ±1mA...±2A	1 820 €	
-3M	Option Bandwidth extended to 3MHz	270 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>Power Supply and Cables for ACCT</b>			
ACCT-PS-1515	ACCT rail-mount power supply	260 €	
ACCT-PS-2415	ACCT rail-mount power supply +24Vdc/±15Vdc	260 €	
ACCT-C-XXm	Sensor cable w/PVC jacket, XX meters, per meter	200€+20€/m	
ACCT-RHC-XXm	Rad-tolerant Siltem sensor cable, XX meters, per meter	200€+42€/m	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>FAST CURRENT TRANSFORMERS [FCT Range]</b>			
<b>In-Flange Fast Current Transformers, for UHV installation in the beam line</b>			
FCT-CF3"3/8-22.2-40-UHV	FCT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 440 €	
FCT-CF4"1/2-34.9-40-UHV	FCT, in DN/NW63CF, 34.9mm ID, 40mm axial	14 750 €	
FCT-CF4"1/2-38.0-40-UHV	FCT, in DN/NW63CF, 38.0mm ID, 40mm axial	14 850 €	
FCT-CF6"-47.7-40-UHV	FCT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 480 €	
FCT-CF6"-60.4-40-UHV	FCT, in DN/NW100CF, 60.4mm ID, 40mm axial	15 800 €	
FCT-CF6"3/4-96.0-40-UHV	FCT, in DN/NW130CF, 96.0mm ID, 40mm axial	18 650 €	
FCT-CF8"-96.0-40-UHV	FCT, in DN160/NW150CF, 96.0mm ID, 40mm axial	19 450 €	
FCT-CF10"-147.6-40-UHV	FCT, in DN/NW200CF, 147.6mm ID, 40mm axial	32 100 €	
FCT-CF12"-198.4-40-UHV	FCT, in DN/NW250CF, 198.4mm ID, 40mm axial	43 450 €	
FCT-CFXX"	FCT in-Flange other sizes	Ask	
<b>Options for In-Flange FCT</b>			
-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	765 €	
-RFBYP	RF-bypass over ceramic option	990 €	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	x
<b>In-Air Fast Current Transformers, for installation over the vacuum chamber</b>			
FCT-016	FCT, 16mm ID	1 850 €	
FCT-028	FCT, 28mm ID	2 250 €	
FCT-055	FCT, 55mm ID	3 210 €	
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	
<b>Options for In-Air FCT</b>			
-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	765 €	
-VAC	Sensor degassing option, for vacuum > 1E-4 Mbar	340 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>CONTINUOUS WAVE CURRENT TRANSFORMERS AND ELECTRONICS [CWCT Range]</b>			
<b>In-Flange CW Current Transformer, for UHV installation in the beam line</b>			
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	
<b>Additional Feature for Low CW Currents</b>			
-LC	Low currents option for CWCT	7 100 €	x
<b>Options for In-Flange CWCT</b>			
-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	990 €	
<b>Beam Charge Monitor to measure CW and/or macropulse average current</b>			
BCM-CW-E	BCM plug-in card for CWCT	10 350 €	
<b>Power Supply and Cables for CWCT</b>			
BCM-RFC/	BCM RF-Shielded powered chassis w/o wired station	1 550 €	
/xx	/xx number of wired stations (≤18), per wired station	310 €	
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 080 €	
BCM-C-xxx	BCM SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	200€+13€/m	
BCM-RHC-xxx	BCM SMA-SMA Radox 2-shield, PEEK connectors,xxx-m.	500€+16€/m	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>INTEGRATING CURRENT TRANSFORMERS AND ELECTRONICS [ICT Range]</b>			
<b>In-Flange Integrating Current Transformer, for UHV installation in the beam line</b>			
ICT-CF3"3/8-22.2-40-UHV	ICT, in DN/NW50CF, 22.2mm ID, 40mm axial	13 440 €	
ICT-CF4"1/2-34.9-40-UHV	ICT, in DN/NW63CF, 34.9mm ID, 40mm axial	14 750 €	
ICT-CF4"1/2-38.0-40-UHV	ICT, in DN/NW63CF, 38.0mm ID, 40mm axial	14 850 €	
ICT-CF6"-47.7-40-UHV	ICT, in DN/NW100CF, 47.7mm ID, 40mm axial	15 480 €	
ICT-CF6"-60.4-40-UHV	ICT, in DN/NW100CF, 60.4mm ID, 40mm axial	15 800 €	
ICT-CF6"3/4-96.0-40-UHV	ICT, in DN/NW130CF, 96.0mm ID, 40mm axial	18 650 €	
ICT-CF8"-96.0-40-UHV	ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial	19 450 €	
ICT-CF10"-147.6-40-UHV	ICT, in DN/NW200CF, 147.6mm ID, 40mm axial	32 100 €	
ICT-CF12"-198.4-40-UHV	ICT, in DN/NW250CF, 198.4mm ID, 40mm axial	43 450 €	
ICT-CFXX"	ICT in-Flange other sizes	Ask	
<b>Options for In-Flange ICT</b>			
-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)	3 590 €	
-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)	765 €	
-OPxx	Custom XX-ns output pulse option	270 €	
-THH	M8(x8) holes as through-hole with a diam 8,5mm	Ask	x
<b>In-Air Integrating Current Transformer, for installation over the vacuum chamber</b>			
ICT-016	ICT, 16mm ID	3 330 €	
ICT-028	ICT, 28mm ID	3 660 €	
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	
<b>Options for In-Air ICT</b>			
-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	3 590 €	
-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)	765 €	
-OPxx	Custom XX-ns output pulse option	270 €	
-VAC	Sensor degassing, "in-air" ICT only	340 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>Beam Charge Monitor to measure charge from ICT</b>			
BCM-IHR-E	BCM plug-in card for 70ns output pulse ICT	10 150 €	
<b>Chassis, Power Supply and Cables for ICT</b>			
BCM-RFC/	BCM RF-Shielded powered chassis w/o wired station	1 550 €	
/xx	/xx number of wired stations ( $\leq 12$ ), per wired station	310 €	
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 080 €	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	200€+13€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	500€+16€/m	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>TURBO INTEGRATING CURRENT TRANSFORMERS AND RF BEAM CHARGE MONITOR [Turbo-ICT Range]</b>			
<b>In-Flange Turbo Integrating Current Transformer, for UHV installation in the beam line</b>			
<b>In-Flange TURBO-ICT with 304 stainless steel flanges</b>			
TURBO-ICT-CF3"3/8-22.2-40-UHV	Turbo-ICT, in DN/NW50CF, 22.2mm ID, 40mm axial, Noise 20 fC/pulse	18 400 €	
TURBO-ICT-CF4"1/2-34.9-40-UHV	Turbo-ICT, in DN/NW63CF, 34.9mm ID, 40mm axial, Noise 20 fC/pulse	19 720 €	
TURBO-ICT-CF4"1/2-38.0-40-UHV	Turbo-ICT, in DN/NW63CF, 38.0mm ID, 40mm axial, Noise 20 fC/pulse	19 820 €	
TURBO-ICT-CF6"-47.7-40-UHV	Turbo-ICT, in DN/NW100CF, 47.7mm ID, 40mm axial, Noise 20 fC/pulse	20 450 €	
TURBO-ICT-CF6"-60.4-40-UHV	Turbo-ICT, in DN/NW100CF, 60.4mm ID, 40mm axial, Noise 20 fC/pulse	20 750 €	
TURBO-ICT-CF6"3/4-96.0-40-UHV	Turbo-ICT, in DN/NW130CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	23 600 €	
TURBO-ICT-CF8"-96.0-40-UHV	Turbo-ICT, in DN160/NW150CF, 96.0mm ID, 40mm axial, Noise 20 fC/pulse	24 400 €	
TURBO-ICT-CF10"-147.6-40-UHV	Turbo-ICT, in DN/NW200CF, 147.6mm ID, 40mm axial, Noise 20 fC/pulse	37 050 €	
TURBO-ICT-CF12"-198.4-40-UHV	Turbo-ICT, in DN/NW250CF, 198.4mm ID, 40mm axial, Noise 20 fC/pulse	48 350 €	
<b>In-Flange TURBO-ICT with 316LN stainless steel flanges</b>			
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	20 130 €	x
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	21 450 €	x
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	21 550 €	x
<b>In-Vacuum Turbo Integrating Current Transformer, for installation inside a laser-plasma vacuum enclosure</b>			
TURBO-ICT-VAC-055	In-vacuum Turbo-ICT with 55mm aperture, Noise 20 fC/pulse	16 060 €	
TURBO-ICT-VAC-082	In-vacuum Turbo-ICT with 82mm aperture, Noise 20 fC/pulse	16 890 €	
<b>Sensitivity options for Turbo-ICT and In-Vacuum Turbo-ICT</b>			
-Turbo2	Noise 10 fC/pulse, RF carrier output	1 410 €	
<b>Options for Turbo-ICT</b>			
-316LN	AISI 316LN option, instead of 304	Ask	
-ARB#xxx	Outer flanges arbitrary shape aperture, 50mm axial	Ask	
-CALFO	FO-controlled calibrated pulse gen. option	4 250 €	
-H	Radiation-tolerant sensor option	270 €	
<b>Beam Charge Monitor to measure charge from Turbo-ICT</b>			
BCM-RF-E	BCM plug-in card for Turbo-ICT	10 150 €	
-2CH	BCM-RF-E 2-channels option	4 300 €	
BCM-RF-RAMP	BCM-RF remote amplifier	1 450 €	
<b>Chassis, Power Supply and Cables for Turbo-ICT</b>			
BCM-RFC/	BCM RF-Shielded powered chassis w/o wired station	1 550 €	
/xx	/xx number of wired stations (≤12), per wired station	310 €	
BCM-EPS-FO	Enclosure w/FO trigger daisy chain + power supply	1 080 €	
BCM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	200€+13€/m	
BCM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-m	500€+16€/m	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>CUSTOM BPM ANALOG ELECTRONICS ON DEMAND (SPECIFIC DESIGN AND MANUFACTURING)</b>			
<b>Multiplexed BPM Analog Electronic</b>			
MX-BPM	Multiplexed BPM Analog Electronic module for fixed RF	3 950 €	
<b>Log-ratio BPM Analog Electronic, for single bunch, long macropulse and CW</b>			
LR-BPM	Log-ratio BPM Analog Electronic (for instance Operating Frequency $\leq 500$ MHz)	5 600 €	
<b>Additional Features for LR-BPM</b>			
-SH	Sample & Hold on X and Y	890 €	
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
<b>S-band BPM Analog Electronic, for single bunch, long macropulse and CW</b>			
S-BPM	Fast BPM Analog Electronic (for instance Operating Frequency $> 1,3$ GHz)	6 100 €	
<b>Additional Features for S-BPM</b>			
-FEFA	S-band filter & amplifier, one per pickup	1 660 €	x
-SH	Sample & Hold on X and Y	890 €	
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
<b>Baseband BPM Analog Electronic, for ions / medical accelerators</b>			
BB-BPM	Low Signal BPM Analog Electronic (for instance Operating Frequency $< 25$ MHz)	6 100 €	
<b>Additional Features for BB-BPM</b>			
-FEFA	Baseband Front-end Filter & Amplifier high-impedance, one per pickup	1 660 €	x
-TRG	On-board beam trigger	360 €	
-SUM	Sum of logs output	225 €	
<b>BPM Analog Electronic accessories, common to all types</b>			
BPM-BPF/500MHz	SMA-SMA band-pass filter 500 MHz	140 €	
BPM-KIT	Table-top test kit	890 €	
BPM-XTD	Module extender	780 €	
BPM-SERV/RF	RF output service module	460 €	
BPM-SERV/CMD	TTL input service module	460 €	
<b>Chassis, Power Supply and Cables for BPM</b>			
BPM-RFC/	BPM RF-Shielded powered chassis w/o wired station	1 880 €	
/xx	/xx number of wired stations ( $\leq 16$ ), per wired station	380 €	
BPM-EPS	Enclosure and power supply for 1 BPM module	930 €	
BPM-C-xxx	SMA-SMA Radox 2-shield, PTFE connectors,xxx-m.	200€+13€/m	
BPM-RHC-xxx	SMA-SMA Radox 2-shield, PEEK connectors,xxx-	500€+16€/m	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>BEAM LOSS MONITOR [BLM Range]</b>			
<b>PIN-photodiode coincidence based loss detector</b>			
BLM-SE (old name BLM)	BLM with 7.34 mm <sup>2</sup> PIN-diodes, single-ended output	525 €	
BLM-DIF	BLM with 7.34 mm <sup>2</sup> PIN-diodes, differential output RJ45	630 €	
<b>BEAM PROFILE MONITORS [VWM Range]</b>			
VWM-S-1W-A5mm	Sensor, 1 wire, 5mm free aperture	2 910 €	
VWM-S-1W-A20mm	Sensor, 1 wire, 20mm free aperture	3 020 €	
VWM-S-1W-A40mm	Sensor, 1 wire, 40mm free aperture	3 260 €	
VWM-S-1W-A60mm	Sensor, 1 wire, 60mm free aperture	3 520 €	
-SS	Stainless steel wire, 100um	no charge	
-B	Bronze wire, 125um	no charge	
-W	Tungsten wire, 100um	no charge	
VWM-FEE	Front-end electronics for 2 wires	1 680 €	
VWM-RFC	RF chassis for up to six 2WB circuits	3 650 €	
VWM-2WB	In-chassis board supporting 2 wires	2 380 €	
VWM-RHC/Xm	Sensor cable twisted shielded Siltem, per meter	48 €	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>IN-HOUSE SERVICES</b>			
<b>Function Test</b>			
In-House-FT-E	Function test of Electronics	Ask	
In-House-FT-CT	Function test of Sensor	Ask	
<b>Recalibration</b>			
RECAL-IPCT	Recalibration of IPCT, incl. Calibration Certificate 12 months	310 €	
RECAL-NPCT-E	Recalibration of NPCT Electronics, incl. Calibration Certificate 12 months	2 140 €	
RECAL-BCM-IHR-E	Recalibration of BCM-IHR Electronics, incl. Calibration Certificate 12 months	1 750 €	
RECAL-ACCT-E-RM	Recalibration of ACCT Electronics single range, incl. Calibration Certificate 12 months	410 €	
RECAL-ACCT-E-RM-3R	Recalibration of ACCT Electronics three range, incl. Calibration Certificate 12 months	570 €	
RECAL-BPM	Recalibration of BPM Electronics, incl. Calibration Certificate 12 months	840 €	
RECAL-FCT	Recalibration of FCT sensor, incl. Calibration Certificate 12 months	450 €	
RECAL-ICT	Recalibration of ICT sensor, incl. Calibration Certificate 12 months	450 €	
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	
<b>Electronics Repairs</b>			
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	
<b>Broken Connector (on sensor FCT, ICT, Turbo-ICT, CWCT, ACCT-in air, NPCT-in air)</b>			
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	
<b>Upgrade</b>			
UPGRADE-E	Upgrade of Electronics (when applicable)	Ask	
UPGRADE-PIC /-GUI	Upgrade of PIC or GUI (when applicable)	Ask	
<b>Other Repairs</b>			
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	
<b>SUPPORT to CUSTOMERS</b>			
<b>Warranty Extension</b>			
WAREX1	1 year Warranty extension	1% Total Selling Price (min100€)	
WAREX2	2 years Warranty extension	1,8% Total Selling Price (min150€)	
<b>Special Design / Development</b>			
ECN	Engineering costs	Ask	
<b>Testing On Site</b>			
TEST-DEV	Testing device for CT	Ask	
<b>TRAINING On-Site (without travel and expenses)</b>			
1D1P-TRAINING	1 day training on 1 instrument, group below 5 people	1 310 €	
SD-TRAINING	several days training	Ask	

**International pricelist in Euro**  
**Valid since OCTOBER 1st, 2022**

Reference Number	Designation	Price	new
<b>TERMS &amp; CONDITIONS</b>			
<b>Per order</b>	Prices in Euro		
	Standard Applicable Incoterm: Ex-works 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		
<b>Discount per quantity</b>	Quantity per order	Discount	
	1 :	0%	
	2-4:	3 %	
	5-9:	7 %	
	10-24:	10 %	
	more than 25	Ask	
	Order with multideliveries covering a period of 6 months, or 1 year or 2 years	Ask	
<b>Discount for OEM (industry in particle accelerator design, manufacturing and sales activity)</b>	ONLY For sales done by Bergoz Instrumentation directly to the OEM (Exclusion of territories handled by distributors)		x
	Quantity per order	Discount	
	1-4:	5%	x
	5-9:	10%	x
	10-24:	15%	x
	more than 25	Ask	x
	Order with multideliveries covering a period of 6 months, or 1 year or 2 years	Ask	x
<b>Recalibration and repair conditions:</b>			
<b>1- Product under warranty</b>			
* 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			
<b>2- Product out of warranty</b>			
* 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			
<b>END OF PRICE LIST</b>			