

Price List

FireSting Sensors

1 PRICES OXYGEN SENSORS (ST-CONNECTOR)

Only valid within the EU, for overseas prices please contact us!

1.1 Fiber Oxygen Sensors for FireSting Devices

For more available sensors and custom versions, please contact us!

Item	Description (Needle / Tip Diameter)	Price in EUR
OXROB3	Robust Oxygen Probe (3mm / 30mm)	240
OXROB3-CL4	Robust Oxygen Probe (3mm / 30mm), cable length 4m	270
OXROB10	Robust Oxygen Probe (3mm / 100mm)	240
OXROB10-CL4	Robust Oxygen Probe (3mm / 100mm), cable length 4m	270
OXROBSC	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 2m	320
OXROBGSC-CL5	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 5m	350
OXROBGSC-CL10	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 10m	390
OXROBGSC-CL20	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 20m	440
OXSC	Oxygen Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBSC	200
OXSCG	Oxygen Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBGSC	200
TROXROB3	Robust TRACE Oxygen Probe (3mm / 30mm)	240
TROXROB10	Robust TRACE Oxygen Probe (3mm / 100mm)	240

OXR50	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm)	230
OXR50-CL4	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Cable Length 4m	260
OXR50-OI	Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation	290
OXR50-OI-CL4	Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation, Cable Length 4m	320
OXR50-HS	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed	260
OXR50-UHS	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed	290
OXR50-UHS-CL4	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed, Cable Length 4m	320
OXR430	Retractable Oxygen Minisensor (1.1mm / 430 µm)	290
OXR430-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), Cable Length 4 m	320
OXR430-OI	Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation	350
OXR430-OI-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation, Cable Length 4m	380
OXR430-HS	Retractable Oxygen Minisensor (1.1mm / 430 µm), High Speed	320
OXR430-HS-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), High Speed, Cable Length 4m	350
OXR430-UHS	Retractable Oxygen Minisensor (1.1mm / 430 µm), Ultra-High Speed	350
TROXR430	Retractable TRACE Oxygen Minisensor (1.1mm / 430 µm)	290
OXF50	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm)	230
OXF50-OI	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Optical Isolation	290
OXF50-HS	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed	260
OXF50-UHS	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed	290
OXF1100	Fixed Oxygen Minisensor (1.2mm / 430µm)	290
OXF1100-CL4	Fixed Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m	320
OXF1100-OI	Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation	350

OXF1100-OI-CL4	Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation, Cable Length 4m	380
OXF1100-HS	Fixed Oxygen Minisensor (1.2mm / 430µm), High Speed	320
OXF1100-UHS	Fixed Oxygen Minisensor (1.2mm / 430µm), Ultra-High Speed	350
TROXF1100	Fixed TRACE Oxygen Minisensor (1.2mm / 430µm)	290
TROXF1100-CL4	Fixed TRACE Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m	320
OXF500PT	Protected Tip Oxygen Minisensor (0.5mm / 230µm)	290
OXF500PT-OI	Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation	350
OXF500PT-OI-CL4	Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation, Cable Length 4m	380
OXF900PT	Protected Tip Oxygen Minisensor (0.9mm / 230µm)	290
OXF900PT-OI	Protected Tip Oxygen Minisensor (0.9mm / 230µm), Optical Isolation	350
OXB430	Bare Fiber Oxygen Microsensor (430 µm)	260
OXB430-OI	Bare Fiber Oxygen Minisensor (430 µm), Optical Isolation	320
OXB430-HS	Bare Fiber Oxygen Microsensor (430 µm), High Speed	290
OXB430-UHS	Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed	320
OXB430-UHS-CL4	Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed, Cable Length 4m	350
TROXB430	Bare Fiber TRACE Oxygen Minisensor (430 µm)	260
OXB50	Bare Fiber Oxygen Microsensor (ca. 50-70µm)	220
OXB50-CL4	Bare Fiber Oxygen Microsensor (ca. 50-70µm), Cable Length 4m	250
OXB50-OI	Bare Fiber Oxygen Microsensor (ca.40-60µm), Optical Isolation	280
OXB50-OI-CL4	Bare Fiber Oxygen Microsensor (ca.40-60µm), Optical Isolation, Cable Length 4m	310
OXB50-HS	Bare Fiber Oxygen Microsensor (ca. 50-70µm), High Speed	250
OXB50-UHS	Bare Fiber Oxygen Microsensor (ca. 50-70µm), Ultra-High Speed	280

OXSOLV	Solvent-Resistant Oxygen Probe (1.5mm / 150mm) Unprotected Protruding Tip	490
OXSOLV-PTS	Solvent-Resistant Oxygen Probe (1.5mm / 40mm) Protected Tip	490

1.2 Contactless Oxygen Sensors for FireSting Devices

For more available sensors and custom versions, please contact us!

Item	Description	Price in EUR
OXFLOW	Beta-sterilized flow-through cell with optical oxygen sensor (PU=4 piece), separate sterile packaging	320
OXFLOW-HS	Beta-sterilized flow-through cell with optical oxygen sensor (PU=4 piece), separate sterile packaging, fast response time	400
TROXFLOW	Beta-sterilized flow-through cell with optical TRACE oxygen sensor (PU=4 piece), separate sterile packaging	320
OXFTC	Flow-Through Cell with optical oxygen sensor, small (PU= 2 pieces) ****will be DISCONTINUED in August 2022****	200
OXFTC2	Flow-Through Cell with optical oxygen sensor, large (PU= 2 pieces) ****will be DISCONTINUED in August 2022****	200
TOFTC2	Flow-Through Cell with optical oxygen and temperature sensor, large (PU= 2 pieces) ****will be DISCONTINUED in August 2022****	300
OXNANO	Oxygen Nanoprobes (PU = 5 x 10mg).	580
OXSP5	Oxygen Sensor Spots (PU = 8 pieces)	240
OXSP5-ADH	Oxygen sensor spots (PU=8 pieces), self-adhesive	240
OXSP5-ADH-STER	Oxygen sensor spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	360
TROXSP5	TRACE Oxygen Sensor Spot (PU = 8 pieces)	240
TROXSP5-ADH	TRACE oxygen sensor spots (PU=8 pieces), self-adhesive	240
TROXSP5-ADH-STER	TRACE oxygen sensor spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	360
OXVIAL4	Vial (ca. 4 mL) with integrated optical oxygen sensor (PU = 4 pieces)	240
OXVIAL20	Vial (ca. 20 mL) with integrated optical oxygen sensor (PU = 4 pieces)	240
TOVIAL20	Vial (ca. 20 mL) with integrated optical oxygen and temperature sensor (PU = 4 pieces)	360

2 PRICES OPTICAL PH SENSORS

Only valid within the EU, for overseas prices please contact us!

2.1 Fiber-optic pH Sensors (only for FireSting-PRO)

For more available sensors and custom versions, please contact us!

Item	Description	Price in EUR
PHROBSC-PK5	Robust pH Screw Cap Probe (4mm / 100mm), pH range 4.0 - 6.0, with 4 sensor screw caps	320
PHROBSC-PK6	Robust pH Screw Cap Probe (4mm / 100mm), pH range 5.0-7.0, with 4 sensor screw caps	320
PHROBSC-PK7	Robust pH Screw Cap Probe (4mm / 100mm), pH range 6.0 - 8.0, with 4 sensor screw caps	320
PHROBSC-PK8	Robust pH Screw Cap Probe (4mm / 100mm), pH range 7.0-9.0, with 4 sensor screw caps	320
PHSC-PK5	Sensor screw caps with pH range 4.0 - 6.0 for robust screw cap probe, (PU = 4 pieces)	120
PHSC-PK6	Sensor screw caps with pH range 5.0 -7.0 for robust screw cap probe, (PU = 4 pieces)	120
PHSC-PK7	Sensor screw caps with pH range 6.0 - 8.0 for robust screw cap probe, (PU = 4 pieces)	120
PHSC-PK8	Sensor screw caps with pH range 7.0 -9.0 for robust screw cap probe, (PU = 4 pieces)	120

2.2 Contactless pH Sensors (only for FireSting-PRO)

For more available sensors and custom versions, please contact us!

Item	Description	Price in EUR
PHFLOW-PK5	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 4-6, separate sterile packaging	240
PHFLOW-PK6	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 5-7, separate sterile packaging	240
PHFLOW-PK7	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 6-8, separate sterile packaging	240
PHFLOW-PK8	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 7-9, separate sterile packaging	240
PHSP5-PK5	pH Sensor Spots, pH range 4.0 - 6.0, (PU = 8 pieces)	240
PHSP5-PK6	pH Sensor Spots, pH range 5.0 - 7.0, (PU = 8 pieces)	240
PHSP5-PK7	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces)	240
PHSP5-PK8	pH Sensor Spots, pH range 7.0 - 9.0, (PU = 8 pieces)	240
PHSP5-PK5-ADH	pH Sensor Spots, pH range 4.0 - 6.0, (PU = 8 pieces), self-adhesive	240
PHSP5-PK6-ADH	pH Sensor Spots, pH range 5.0 - 7.0, (PU = 8 pieces), self-adhesive	240
PHSP5-PK7-ADH	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces), self-adhesive	240
PHSP5-PK7-ADH-STER	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	360
PHSP5-PK8-ADH	pH Sensor Spots, pH range 7.0 - 9.0, (PU = 8 pieces), self-adhesive	240
PHVIAL4-PK7	Vial (ca. 4 mL) with integrated optical pH sensor, pH range 6.0 - 8.0 (PU = 4 pieces)	280
PHVIAL4-PK8	Vial (ca. 4 mL) with integrated optical pH sensor, pH range 7.0 - 9.0 (PU = 4 pieces)	280
PHVIAL20-PK7	Vial (ca. 20 mL) with integrated optical pH sensor, pH range 6.0 - 8.0 (PU = 4 pieces)	280
PHVIAL20-PK8	Vial (ca. 20 mL) with integrated optical pH sensor, pH range 7.0 - 9.0 (PU = 4 pieces)	280
PHTVIAL20-PK7	Vial (ca. 20 mL) with integrated optical pH & temperature sensor, pH range 6.0 - 8.0 (PU = 4 pieces)	400

PHTVIAL20- PK8	Vial (ca. 20 mL) with integrated optical pH & temperature sensor, pH range 7.0 - 9.0 (PU = 4 pieces)	400
PHTOVIAL20- PK7	Vial (ca. 20 mL) with integrated optical pH, oxygen & temperature sensor, pH range 6.0 - 8.0 (PU = 2 pieces)	290
PHTOVIAL20- PK8	Vial (ca. 20 mL) with integrated optical pH, oxygen & temperature sensor, pH range 7.0 - 9.0 (PU = 2 pieces)	290

3 PRICES OPTICAL TEMPERATURE SENSORS

Only valid within the EU, for overseas prices please contact us!

3.1 Fiber Temperature Sensors for FSO₂ / FSPRO Devices

For more available sensors and custom versions, please contact us!

Item	Description	Price in EUR
TPR430	Retractable Needle-Type Temperature Minisensor (1.1mm / 430µm)	290
TPROBSC	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 temperature screw cap sensors, cable length 2m	320
TPSC	Temperature Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBSC	200
TPF1100	Fixed Needle-Type Temperature Minisensor (1.1mm / 430µm)	290
TPB430	Bare Fiber Temperature Minisensor (430µm)	260

3.2 Contactless Temperature Sensors FSO₂ / FSPRO Devices

For more available sensors and custom versions, please contact us!

Item	Description	Price in EUR
TPFLOW	Beta-sterilized flow-through cell with integrated optical temperature sensor (PU=4 pieces), separate sterile packaging	320
TPSP5	Optical Temperature Sensor Spots (PU=8 pieces)	240
TPSP5-ADH	Optical Temperature Sensor Spots (PU=8 pieces), self-adhesive	240
TPSP5-ADH-STER	Optical Temperature Sensor Spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	360

4 PRICES FOR SENSOR ACCESSORIES

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4.1 Accessories for Contactless Sensors (O₂, pH and T)

Item	Description	Price in EUR
SPADBAS	Basic Spot Adapter for fixing SPFIB or SPFIB-LNS at windows (PU= 4 pieces) Read-out of OXSP5, TPSP5, PHSP5, OXNANO	50
SPFIB-BARE	Bare Optical Fiber, ST-plug + one polished end, cable length 1m With all contactless sensors	50
SPFIB-BARE-CL2	Bare Optical Fiber, ST-plug + one polished end, cable length 2m With all contactless sensors	60
SPFIB-LNS	Optical fiber with integrated lens for FireSting devices, cable length 1m Read-out of OXNANO, OXSP5, TPSP5, PHSP5 through >2mm walls	260
SPFIB-LNS-CL2	Optical fiber with integrated lens for FireSting devices, cable length 2m Read-out of OXNANO, OXSP5, TPSP5, PHSP5 through >2mm walls	290
SPGLUE	Silicone Glue for fixing sensor spots + SPADBAS at transparent container walls. For gluing all sensor spots	30
SPGLUE-KIT	Gluing kit with 1 spoon spatula (SPTLA), 1 disposable syringe with screw cap, 5 flat needles. For gluing all sensor spots	50
SPTLA	Spoon spatula, 300 mm length, for handling sensor spots	30
ADVIAL4	Adapter ring for 4mL vials with 1 sensor	30
ADVIAL20	Adapter ring for 20mL vials with 1 sensor	30
ADVIAL20T	Adapter ring for 20mL vials with up to 3 sensors	30
ADVIAL4KIT	Adapter kit including adapter rings ADVIAL4 & SPFIB-BARE-CL2 for connection to FSO ₂ / FSPRO (PU = 4 pieces)	290
ADVIAL20-KIT	Adapter kit including adapter rings ADVIAL20 & SPFIB-BARE-CL2 for connection to FSO ₂ / FSPRO (PU = 4 pieces)	290
ADVIAL20T-KIT	Adapter kit including adapter rings ADVIAL20T & SPFIB-BARE-CL2 for connection to FSO ₂ /FSPRO (PU = 4 pieces)	290
SEPVIAL4	Septa with lids (with and without hole), for replacement in 4mL vials (PU=4 pieces)	20

SEPVIAL20	Septa with lids (with and without hole), for replacement in 20mL vials (PU=4 pieces)	20
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4.2 Accessories for Calibration (O₂, pH) and Application

Item	Description	Price in EUR
OXCAL	Calibrations capsules for 50ml 0% O ₂ solution, PU=10 For 0% calibration of all O ₂ sensors (except OXNANO)	44
PHCAL2	Buffer capsules for 100ml buffer (pH 2.0), PU = 10 Calibration of all pH sensors	44
PHCAL11	Buffer capsules for 100ml buffer (pH 11.0), PU = 10 Calibration of all pH sensors	44
ADPATCH	Adhesive sticker patches (PU=10 pcs.), Ø15mm, transparent, for piercing with protected tip oxygen minisensors	10

5 PT100 TEMPERATURE PROBES (WITH LEMO-CONNECTOR)

Only valid within the EU, for overseas prices please contact us!

Item	Description	Price in EUR
TDIP15	Temperature Sensor for FireSting devices, shielded dipping probe Ø1.5mm	140
TSUB21	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 2m, for long-term submersion in water	140
TSUB21-CL1	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 1m, for solvent-resistant probes & sensors with 1m cable length	140
TSUB21-CL5	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 5m, for sensors with 4m cable length	160

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