

Price List

FireSting Sensors

1 PRICES OXYGEN SENSORS (ST-CONNECTOR)

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), cable length 2m	300
OXROB3-CL4	Robust Oxygen Probe (3mm / 30mm), cable length 4m	330
OXROB10	Robust Oxygen Probe (3mm / 100mm), cable length 2m	300
OXROB10-CL4	Robust Oxygen Probe (3mm / 100mm), cable length 4m	330
OXROB10-HS	Robust Oxygen Probe (3mm / 100mm), cable length 2m with High Speed	330
OXROBSC	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 2m	390
OXROBGSC-CL5	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 5m	420
OXROBGSC-CL10	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 10m	470
OXROBGSC-CL20	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 oxygen screw cap sensors, cable length 20m	530
OXSC	Oxygen Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBSC	240
OXSCG	Oxygen Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBGSC	240
TROXROB3	Robust TRACE Oxygen Probe (3mm / 30mm)	300
TROXROB10	Robust TRACE Oxygen Probe (3mm / 100mm)	300

OXR50	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm)	290
OXR50-CL4	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Cable Length 4m	320
OXR50-OI	Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation	350
OXR50-OI-CL4	Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation, Cable Length 4m	400
OXR50-HS	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed	320
OXR50-UHS	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed	350
OXR50-UHS-CL4	Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed, Cable Length 4m	400
OXR430	Retractable Oxygen Minisensor (1.1mm / 430 µm)	350
OXR430-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), Cable Length 4 m	400
OXR430-OI	Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation	430
OXR430-OI-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation, Cable Length 4m	460
OXR430-HS	Retractable Oxygen Minisensor (1.1mm / 430 µm), High Speed	400
OXR430-HS-CL4	Retractable Oxygen Minisensor (1.1mm / 430 µm), High Speed, Cable Length 4m	430
OXR430-UHS	Retractable Oxygen Minisensor (1.1mm / 430 µm), Ultra-High Speed	430
TROXR430	Retractable TRACE Oxygen Minisensor (1.1mm / 430 µm)	350
OXF50	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm)	290
OXF50-OI	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Optical Isolation	350
OXF50-HS	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed	320
OXF50-UHS	Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed	350
OXF1100	Fixed Oxygen Minisensor (1.2mm / 430µm)	350
OXF1100-CL4	Fixed Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m	400
OXF1100-OI	Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation	430

OXF1100-OI-CL4	Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation, Cable Length 4m	460
OXF1100-HS	Fixed Oxygen Minisensor (1.2mm / 430µm), High Speed	400
OXF1100-UHS	Fixed Oxygen Minisensor (1.2mm / 430µm), Ultra-High Speed	430
TROXF1100	Fixed TRACE Oxygen Minisensor (1.2mm / 430µm)	350
TROXF1100-CL4	Fixed TRACE Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m	400
OXF500PT	Protected Tip Oxygen Minisensor (0.5mm / 230µm)	350
OXF500PT-OI	Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation	430
OXF500PT-OI-CL4	Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation, Cable Length 4m	460
OXF900PT	Protected Tip Oxygen Minisensor (0.9mm / 230µm)	350
OXF900PT-OI	Protected Tip Oxygen Minisensor (0.9mm / 230µm), Optical Isolation	430
OXB430	Bare Fiber Oxygen Microsensor (430 µm)	320
OXB430-OI	Bare Fiber Oxygen Minisensor (430 µm), Optical Isolation	400
OXB430-HS	Bare Fiber Oxygen Microsensor (430 µm), High Speed	350
OXB430-UHS	Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed	400
OXB430-UHS-CL4	Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed, Cable Length 4m	430
TROXB430	Bare Fiber TRACE Oxygen Minisensor (430 µm)	320
OXB50	Bare Fiber Oxygen Microsensor (ca. 50-70µm)	280
OXB50-CL4	Bare Fiber Oxygen Microsensor (ca. 50-70µm), Cable Length 4m	310
OXB50-OI	Bare Fiber Oxygen Microsensor (ca.40-60µm), Optical Isolation	340
OXB50-OI-CL4	Bare Fiber Oxygen Microsensor (ca.40-60µm), Optical Isolation, Cable Length 4m	390
OXB50-HS	Bare Fiber Oxygen Microsensor (ca. 50-70µm), High Speed	310
OXB50-UHS	Bare Fiber Oxygen Microsensor (ca. 50-70µm), Ultra-High Speed	340

OXIMP250	Bare fiber oxygen sensor (pu=2 pcs.), 0.25mm fiber, 3-5mm length of sensing area	420
OXIMP500	Bare fiber oxygen sensor (pu=2 pcs.), 0.50mm fiber, 3-5mm length of sensing area	420
OXIMP1000	Bare fiber oxygen sensor (pu=2 pcs.), 1.0mm fiber, 3-5mm length of sensing area	420
OXSOLV	Solvent-Resistant Oxygen Probe (1.5mm / 150mm) Unprotected Protruding Tip	590
OXSOLV-PTS	Solvent-Resistant Oxygen Probe (1.5mm / 40mm) Protected Tip	590

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	390
OXFLOW-Q12	Beta-sterilized flow-through cell with optical oxygen sensor (PU=12 piece), separate sterile packaging	770
OXFLOW-HS	Beta-sterilized flow-through cell with optical oxygen sensor (PU=4 piece), separate sterile packaging, fast response time	480
OXFLOW-HS-Q12	Beta-sterilized flow-through cell with optical oxygen sensor (PU=12 piece), separate sterile packaging, fast response time	970
TROXFLOW	Beta-sterilized flow-through cell with optical TRACE oxygen sensor (PU=4 piece), separate sterile packaging	390
TROXFLOW-Q12	Beta-sterilized flow-through cell with optical TRACE oxygen sensor (PU=12 piece), separate sterile packaging	770
OXFTC	Flow-Through Cell with optical oxygen sensor, small (PU= 2 pieces)	240
OXNANO	Oxygen Nanoprobes (PU = 5 x 10mg).	700
OXSP5	Oxygen Sensor Spots (PU = 8 pieces)	300
OXSP5-ADH	Oxygen sensor spots (PU=8 pieces), self-adhesive	300
OXSP5-ADH-STER	Oxygen sensor spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	440
TROXSP5	TRACE Oxygen Sensor Spot (PU = 8 pieces)	300
TROXSP5-ADH	TRACE oxygen sensor spots (PU=8 pieces), self-adhesive	300

TROXSP5-ADH-STER	TRACE oxygen sensor spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	440
OXVIAL4	Vial (ca. 4 mL) with integrated optical oxygen sensor (PU = 4 pieces)	300
OXVIAL20	Vial (ca. 20 mL) with integrated optical oxygen sensor (PU = 4 pieces)	300
TOVIAL20	Vial (ca. 20 mL) with integrated optical oxygen and temperature sensor (PU = 4 pieces)	440

2 PRICES OPTICAL PH SENSORS

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
PHF500-PK6.5	Fixed pH minisensor (0.8mm / 500µm), 2m cable length, pH range 5.5-7.5 (PU=2 pieces)	360
PHF500-PK8	Fixed pH minisensor (0.8mm / 500µm), 2m cable length, pH range 7.0-9.0 (PU=2 pieces)	360
PHIMP500-PK6.5	Bare fiber pH sensor for heterogeneous semi-solid samples, 0.50mm fiber, for pH 5.5-7.5 (PU=2 pcs.)	360
PHROBSC-PK5	Robust pH Screw Cap Probe (4mm / 100mm), pH range 4.0 - 6.0, with 4 sensor screw caps	390
PHROBSC-PK6	Robust pH Screw Cap Probe (4mm / 100mm), pH range 5.0-7.0, with 4 sensor screw caps	390
PHROBSC-PK7	Robust pH Screw Cap Probe (4mm / 100mm), pH range 6.0 - 8.0, with 4 sensor screw caps	390
PHROBSC-PK8	Robust pH Screw Cap Probe (4mm / 100mm), pH range 7.0-9.0, with 4 sensor screw caps	390
PHSC-PK5	Sensor screw caps with pH range 4.0 - 6.0 for robust screw cap probe, (PU = 4 pieces)	140
PHSC-PK6	Sensor screw caps with pH range 5.0 -7.0 for robust screw cap probe, (PU = 4 pieces)	140
PHSC-PK7	Sensor screw caps with pH range 6.0 - 8.0 for robust screw cap probe, (PU = 4 pieces)	140
PHSC-PK8	Sensor screw caps with pH range 7.0 -9.0 for robust screw cap probe, (PU = 4 pieces)	140

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	290
PHFLOW-PK5-Q12	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=12 pieces), pH range 4-6, separate sterile packaging	570
PHFLOW-PK6	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 5-7, separate sterile packaging	290
PHFLOW-PK6-Q12	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=12 pieces), pH range 5-7, separate sterile packaging	570
PHFLOW-PK7	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 6-8, separate sterile packaging	290
PHFLOW-PK7-Q12	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=12 pieces), pH range 6-8, separate sterile packaging	570
PHFLOW-PK8	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=4 pieces), pH range 7-9, separate sterile packaging	290
PHFLOW-PK8-Q12	Beta-sterilized flow-through cell with integrated optical pH sensor (PU=12 pieces), pH range 7-9, separate sterile packaging	570
PHSP5-PK5	pH Sensor Spots, pH range 4.0 - 6.0, (PU = 8 pieces)	300
PHSP5-PK6	pH Sensor Spots, pH range 5.0 - 7.0, (PU = 8 pieces)	300
PHSP5-PK7	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces)	300
PHSP5-PK8	pH Sensor Spots, pH range 7.0 - 9.0, (PU = 8 pieces)	300
PHSP5-PK5-ADH	pH Sensor Spots, pH range 4.0 - 6.0, (PU = 8 pieces), self-adhesive	300
PHSP5-PK6-ADH	pH Sensor Spots, pH range 5.0 - 7.0, (PU = 8 pieces), self-adhesive	300
PHSP5-PK7-ADH	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces), self-adhesive	300
PHSP5-PK7-ADH-STER	pH Sensor Spots, pH range 6.0 - 8.0, (PU = 8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	440
PHSP5-PK8-ADH	pH Sensor Spots, pH range 7.0 - 9.0, (PU = 8 pieces), self-adhesive	300
PHTOVIAL20-PK7	Vial (ca. 20 mL) with integrated optical pH, oxygen & temperature sensor, pH range 6.0 - 8.0 (PU = 2 pieces)	350
PHTOVIAL20-PK8	Vial (ca. 20 mL) with integrated optical pH, oxygen & temperature sensor, pH range 7.0 - 9.0 (PU = 2 pieces)	350

3 PRICES OPTICAL TEMPERATURE SENSORS

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)	350
TPROBSC	Robust Screw Cap Probe (4mm / 100mm), ST-connector, with 2 temperature screw cap sensors, cable length 2m	390
TPSC	Temperature Sensor Screw Cap (PU=2 pieces), with optical isolation, for OXROBSC	240
TPIMP500	Temperature Bare Fiber Sensor for heterogeneous semi-solid samples, 0.5mm fiber (PU=2 pcs.)	420
TPF1100	Fixed Needle-Type Temperature Minisensor (1.1mm / 430µm)	350
TPB430	Bare Fiber Temperature Minisensor (430µm)	320

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	390
TPFLOW-Q12	Beta-sterilized flow-through cell with integrated optical temperature sensor (PU=12 pieces), separate sterile packaging	770
TPSP5	Optical Temperature Sensor Spots (PU=8 pieces)	300
TPSP5-ADH	Optical Temperature Sensor Spots (PU=8 pieces), self-adhesive	300
TPSP5-ADH-STER	Optical Temperature Sensor Spots (PU=8 pieces), self-adhesive, sterilized (25kGy beta-irradiation)	440

4 PRICES FOR SENSOR ACCESSORIES

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

Item	Description	Price in EUR
SPADBAS	Basic Spot Adapter for fixing SPFIB-BARE or SPFIB-LNS at windows (PU= 4 pieces) Read-out of OXSP5, TPSP5, PHSP5, OXNANO	70
SPFIB-BARE	Bare Optical Fiber, ST-plug + one polished end, cable length 1m With all contactless sensors	70
SPFIB-BARE-CL2	Bare Optical Fiber, ST-plug + one polished end, cable length 2m With all contactless sensors	80
SPFIB-LNS	Optical fiber with integrated lens for FireSting devices, cable length 1m Read-out of OXNANO, OXSP5, TPSP5, PHSP5 through >2mm walls	320
SPFIB-LNS-CL2	Optical fiber with integrated lens for FireSting devices, cable length 2m Read-out of OXNANO, OXSP5, TPSP5, PHSP5 through >2mm walls	350
SPGLUE	Silicone Glue for fixing sensor spots + SPADBAS at transparent container walls. For gluing all sensor spots	40
SPGLUE-KIT	Gluing kit with 1 spoon spatula (SPTLA), 1 disposable syringe with screw cap, 5 flat needles. For gluing all sensor spots	60
SPTLA	Spoon spatula, 300 mm length, for handling sensor spots	40
ADVIAL4	Adapter ring for 4mL vials with 1 sensor	40
ADVIAL20	Adapter ring for 20mL vials with 1 sensor	40
ADVIAL20T	Adapter ring for 20mL vials with up to 3 sensors	40
ADVIAL4-KIT	Adapter kit including adapter rings ADVIAL4 & SPFIB-BARE-CL2 for connection to FSO ₂ / FSPRO (PU = 4 pieces)	350
ADVIAL20-KIT	Adapter kit including adapter rings ADVIAL20 & SPFIB-BARE-CL2 for connection to FSO ₂ / FSPRO (PU = 4 pieces)	350
ADVIAL20T-KIT	Adapter kit including adapter rings ADVIAL20T & SPFIB-BARE-CL2 for connection to FSO ₂ /FSPRO (PU = 4 pieces)	350
SEPVIAL4	Septa with lids (with and without hole), for replacement in 4mL vials (PU=4 pieces)	30
SEPVIAL20	Septa with lids (with and without hole), for replacement in 20mL vials (PU=4 pieces)	30

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)	53
PHCAL2	Buffer capsules for 100ml buffer (pH 2.0), PU = 10 Calibration of all pH sensors	53
PHCAL11	Buffer capsules for 100ml buffer (pH 11.0), PU = 10 Calibration of all pH sensors	53
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	180
TSUB21	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 2m, for long-term submersion in water	180
TSUB21-CL1	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 1m, for solvent-resistant probes & sensors with 1m cable length	180
TSUB21-CL5	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 5m, for sensors with 4m and 5m cable length	200
TSUB21-CL20	Temperature Sensor for FireSting devices, Teflon-coated & submersible, cable length 20m, for sensors with 10m and 20m cable length	260

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