



a direct suspended solids measurement
for accurate process control

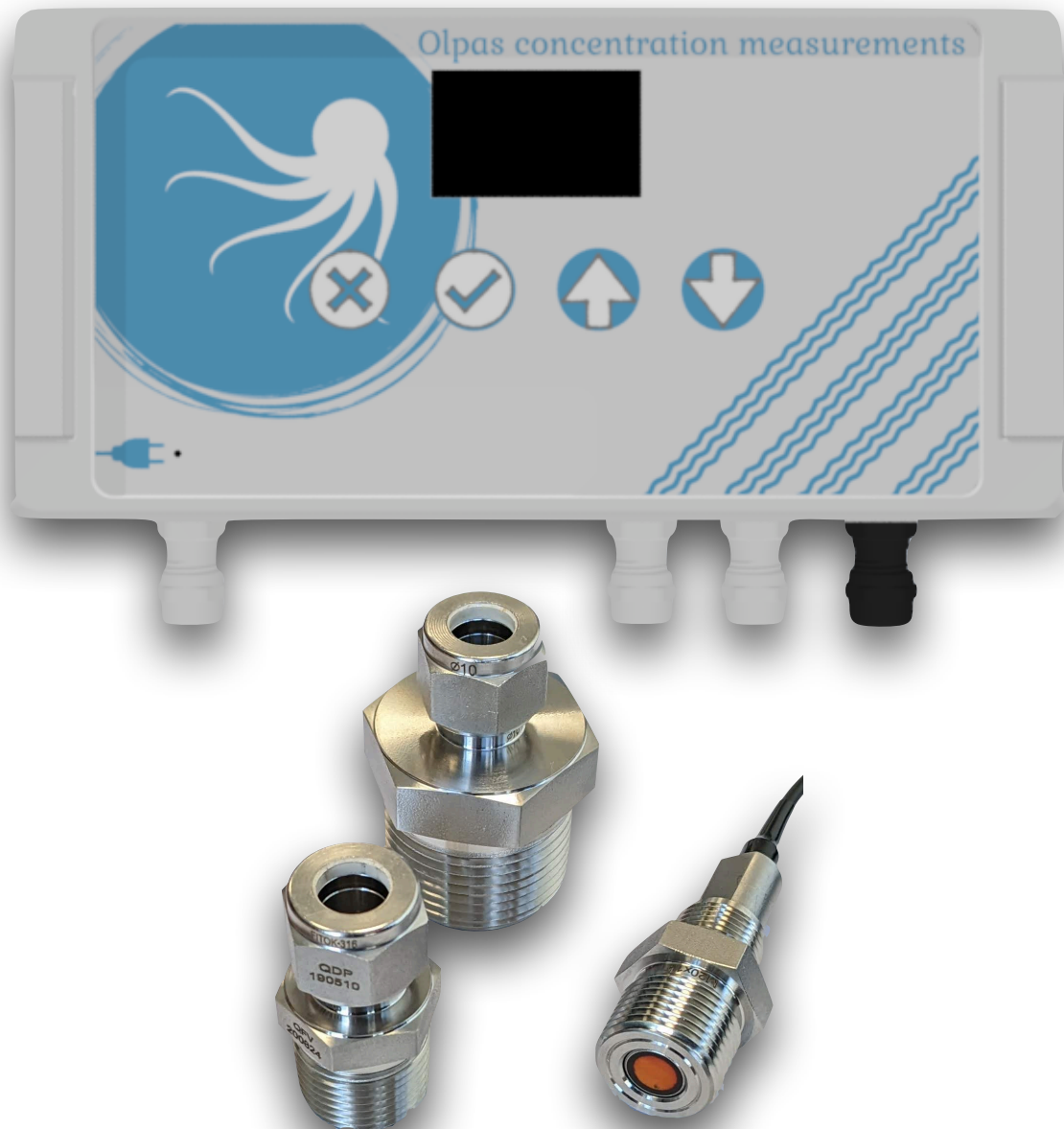
Olpas Sensors - Product range

Concentration measurement in Chemical Processes

Measurement technique: **Ultrasound backscattering**

Mounting transducer: **Inline**

Transducer, Calibration and Dataprocessor
for industrial environments



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Concentration Measurement in Chemical Processes

Olpas OTD-CPRC product range

Transducer, Calibration, Dataprocessor for harsh, non standard environments

OTD-CPRC Range	Measurement for chemical process parameters
Measurement technique	Ultrasound backscattering
Measurement	Suspension concentration Suspended solids Total Suspended Solids <u>Requirements:</u> Free depth of +/- 60 mm (80 µs echo) Direct contact with fluid
	<u>Independence/insensitive:</u> Fluid colour and fluid velocity Solids form and structure
Mounting	Flange, Mounting adaptor, vertical or horizontal (Inline) 1/2" NPT 1" NPT M20x1.5 (Male metric thread) To any flanges: DIN, ANSI, EN, ...
Output	0 - 10 V / 4 - 20 mA / rs485 / OLED Display Optional integration into existing IoT-solutions
Power	24 V (9 - 36 V) - 0.6 A (15 W)
Transducer	Ultrasound / Reduced fouling / RVS / Cable: 2 - 6 m Length: 90 mm, diameter: 10 mm Easy replaceable, Guaranteed lifetime: +12 mths
Callibration	Predefined or custom (in-situ) calibration for measurement of chemical process parameters
Particle size	10 nanometer - 2 millimeter

Product variations: Process conditions

OTD-CPRC-001	6 Bar - 90°C
OTD-CPRC-002	30 Bar - 60°C
OTD-CPRC-003	30 Bar - 230°C
CUSTOM	Custom process conditions - <i>Get in touch with Olpas Customer Support</i>

Product variations: Inline mounting options

OM-MNTA-X01	1/2" NPT
OM-MNTA-X02	1" NPT
OM-MNTA-X03	M20x1.5 (Male metric thread)
CUSTOM	Custom or flange mounting: <i>Get in touch with Olpas Customer Support</i>