



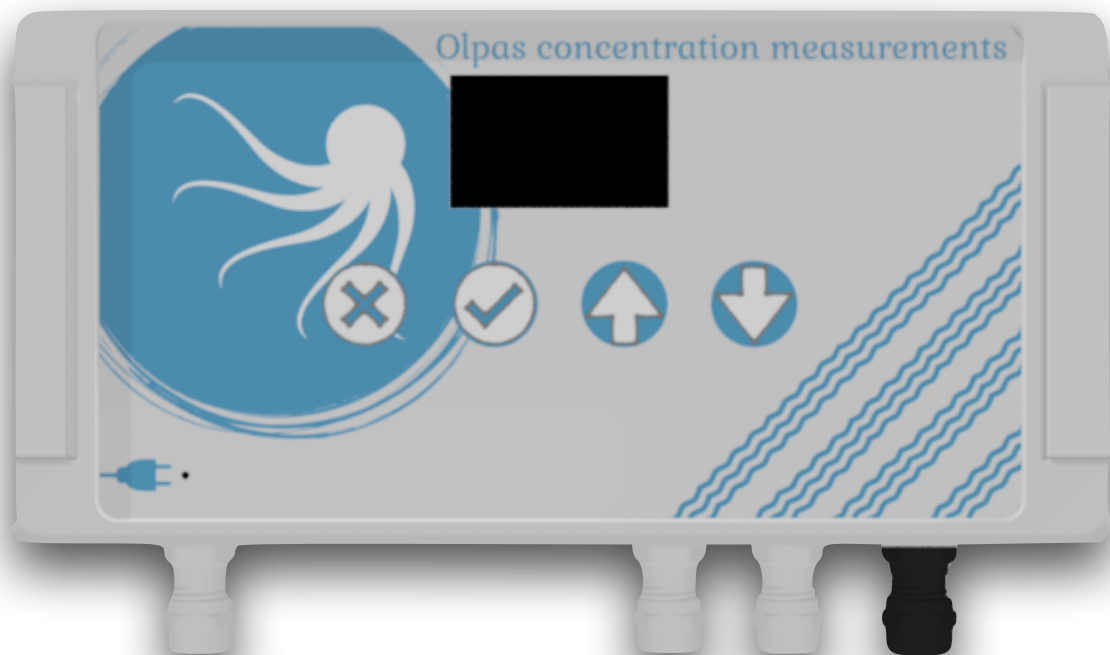
a direct suspended solids measurement
for accurate process control

Olpas Sensors - Product range

Laboratory application for Concentration Measurement

Measurement technique: **Ultrasound backscattering**

Transducer, Calibration and Dataprocessor for
laboratory and non standard environment



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a direct suspended solids measurement
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Laboratory application for Concentration Measurement

Olpas OTA-LABA product range
Transducer, Calibration and Dataprocessor for laboratory environment

OTA-LABA Range	Concentration Measurement in Labo
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	Solids concentration (ppmw, mg/L, g/L, %,...)
Software	OLPAS Graphical calibration and measurement software
Power	USB 5 V - 450 mA
Transducer	Ultrasound / Reduced fouling / RVS / Cable: up to 6 m Length: 90 mm, diameter: 8 - 10 - 12 m
Callibration	Predefined or custom (in-situ) user calibration
Particle size	10 nanometer - 2 millimeter

Product variations: Process conditions

OTA-LABA-001	6 Bar - 90°C
OTA-LABA-002	30 Bar - 60°C
OTA-LABA-003	30 Bar - 230°C
OTA-LABA-004	6 Bar - 600°C
CUSTOM	Custom process conditions - Get in touch with Olpas Customer Support

Product variations: Mounting options

OM-MNTA-X01	1/2" NPT
OM-MNTA-X02	1" NPT
OM-MNTA-X03	M20x1.5 (Male metric thread)
OM-MNTA-X04	Laboratory stand or clamp mount
CUSTOM	Custom or flange mounting: <i>Get in touch with Olpas Customer Support</i>