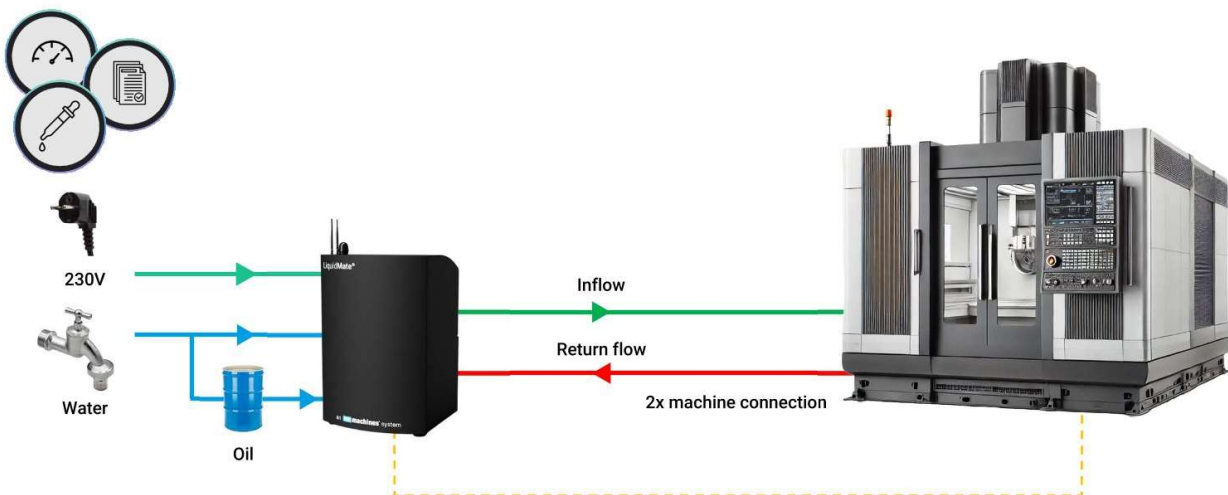# LiquidMate® Sense Premium | **Overview**

Usage:

- Plug and play, standalone measuring solution for individual machines and central systems

- Measurement of concentration, pH-Value and temperature

- Documentation according to TRGS 611

- Circulation and fill level monitoring

- Active concentration regulation

Characteristics:

- ✓ Low-maintenance sensors

- ✓ Simple installation

- ✓ Connection via Wifi, Ethernet and SIM

- ✓ Works with any cooling lubricant

- ✓ Online dashboard for remote monitoring

    - Visualization of the measurement results in graphs (Adjustable time frames)

    - Optional reporting by e-mail

- ✓ Integration into the machine control system

LiquidMate® Sense Premium
Plug and play, standalone measuring solution for individual machines and central systems

LiquidMate® Sense Premium | Specifications

Technical Data:

Electrical connection :	230V, 50 Hz, 750W
Dimension:	60 x 60 x 90 cm
Connection dimensions:	3 x 36mm, 1 x M12
Water connection:	¾ inch
Connection options:	Wifi, Ethernet, SIM
Alarm:	Mail & indicator light

Measuring ranges:

Concentration (Brix):	0 – 40%	± 0,2%
pH:	0 – 12	± 0,1
Temperature:	0 – 40°C	± 1,0°C
Fill level (Maschine):	Dependence on machine tank	± 5mm
Fill level (KSS-Behälter):	Dependence on KSS-container	± 5mm

Our product meets the requirements of the applicable EU directives and is CE-certified in accordance with the relevant standards.
It also meets the requirements for UKCA marking in accordance with UK regulations.
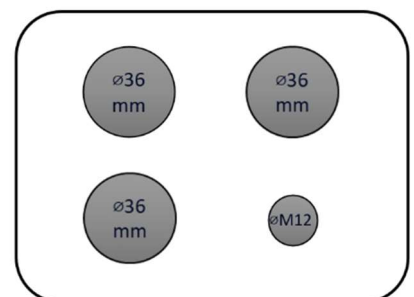
Scope of delivery:

1 pcs.	LiquidMate Sense Premium
1 pcs.	Network connection cable
1 pcs.	Emulsion mixer
2 pcs.	Fill Level sensors (Machine & KSS-container)
2 pcs.	Electrical connection cable for sensors
1 pcs.	Safety shutdown
10 m	Plug-in tube system
1 set	Tube fittings
1 set	Suction and preassure fittings

Preparing measures at the Machine:

- Cut-outs for connections on the machine tank (image similar)
- Power connection
- Water connection
- Cooling lubricant in storage container from 200 litres
- Network interfaces

Cut-outs on the machine tank