

# Online MLSS Analyzer

## innoCon 6800S

### Parameters

MLSS: 0-30.0g/L

### Applications



waste water treatment



sludge dewatering



paper mills

### Sensor

**Product Model:** innoSens 810S

**Measuring principle:** 90°light scattering technology

**Measurement range:** 0.0-30.0g/L

**Resolution:** 0.1g/L

**Accuracy:** ±3%f.s.

**Material:**316L housing, special optical glass

**Size:** Diameter: 42mm

Length: 210mm

Connection: 1" GAS

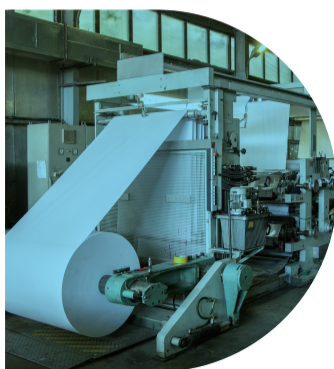
**Cable:** 10m as standard

**Maximum pressure:** 4bar

**Operating temperature:** 0-60°C

**Protection class:** IP68

### InnoSens 810S MLSS sensor



● The innoSens 810S sludge concentration sensor with 90° light scattering technology in stainless steel is robust and reliable, ensuring reliable and stable online measurements.



The innoCon 6800S controller with innoSens 810S sensor can measure sludge concentrations up to 30 g/L. The 4.3" colour LCD display with touch operation is very easy to set up. The controller has a data storage function and supports data export from a USB stick. Three programmable relays and two 4-20mA outputs are provided for control of auxiliary equipment and Modbus RTU (RS485) communication is standard.

### Controller

<b>Display:</b>	4.3" colour LCD touch screen display
<b>Language:</b>	Chinese/English
<b>Password:</b>	setting mode:0022, Calibration mode:0011
<b>Power supply:</b>	110-240VAC,50/60Hz.
<b>Current output 1:</b>	isolated 4-20mA output, settable measurement value, max. load 500Ω
<b>Current output 2:</b>	isolated 4-20mA output, settable measurement value, max. load 500Ω
<b>Digital communication:</b>	RS485 Modbus RTU
<b>Alarm output:</b>	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
<b>Purging relay:</b>	cleaning interval:0.1-1000h, cleaning time:1-1000s
<b>Operating temperature:</b>	0~70.0°C
<b>Storage temperature:</b>	-20~70.0°C
<b>Protection level:</b>	IP65
<b>Mounting:</b>	wall mounted
<b>Dimensions:</b>	200×180×90mm
<b>Weight:</b>	ca. 1Kg

### Order Guide

Order No.	Description
33-6800-20	innoCon 6800S Online MLSS Analyzer
35-0810-01	innoSens 810S MLSS sensor
50-0200-20	PA-200S 304 stainless steel installation kit
50-0200-30	PA-200A Air Automatic Cleaning System