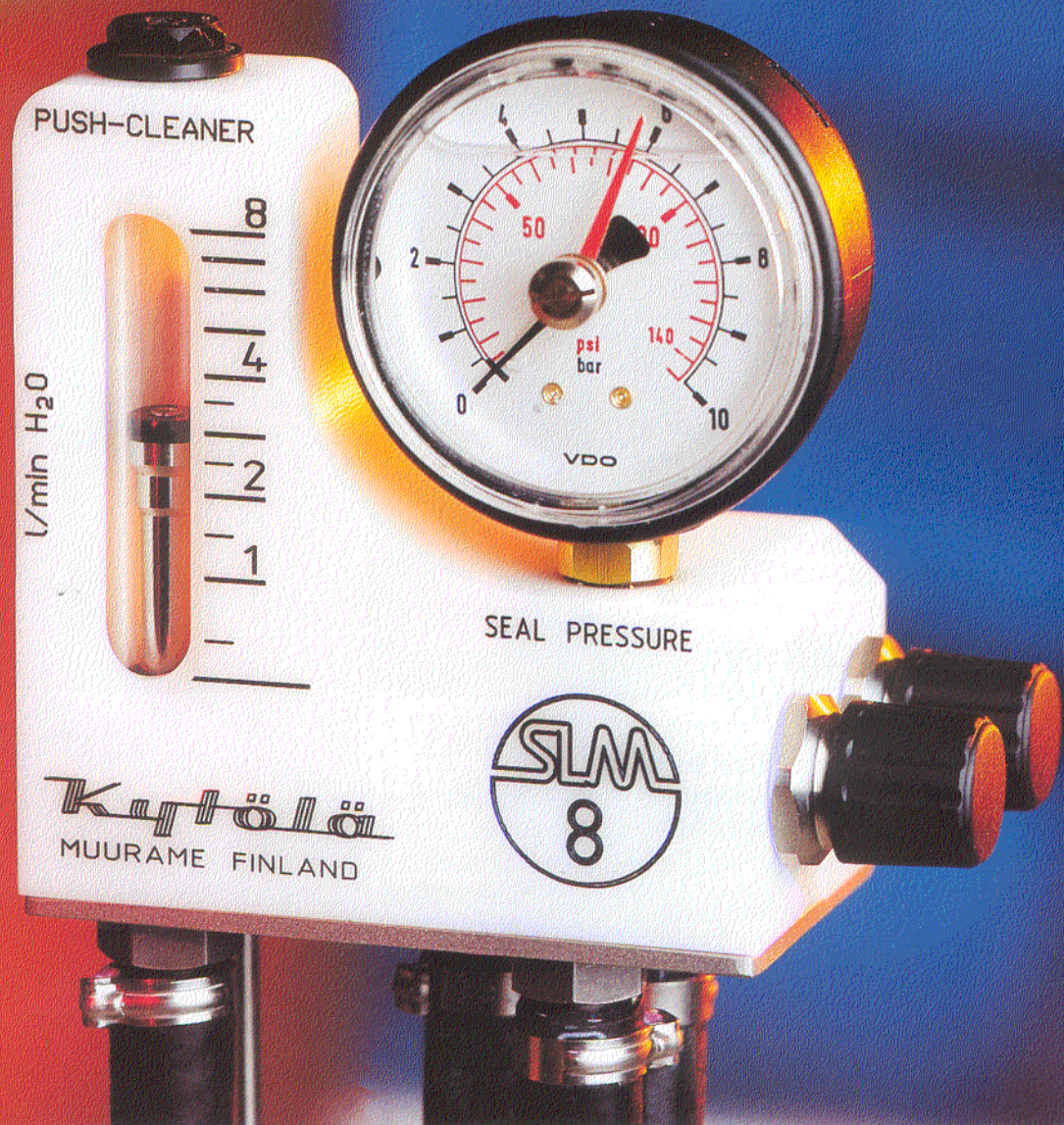


SLM SEALING LIQUID MONITOR



Accurate, Efficient, Reliable

Kytölä
INSTRUMENTS



STOP POURING MONEY DOWN THE DRAIN

Reduce water consumption and increase life of seal

Adequate cooling and lubrication are essential for any kind of seal.

The SLM has been especially designed for applications on pumps and mechanical seals where uninterrupted seal water flow is required. Proper adjustment of flow and pressure will result in water and energy savings.

Easy maintenance reduces down time

The built-in cleaner is designed not to interfere with operation. It effectively removes built-up contaminants.

The long, clear metering scale guarantees visibility and easy inspection of flow level.

Innovative design offers durability and flexibility

The strong and compact design ensures maximum resistance to external impact. The SLM has been specially optimized to withstand contaminated water.

Reliable and accurate flow measurement is based on a variable area metering principle using a free-floating float.

The various sealing liquid monitor models guarantee compatibility with all seal types.

The sealing liquid monitor can also be easily equipped with an alarm output by utilizing an inductive proximity sensor.



FEATURES:

- Reliable operation
- Solid construction
- Reduced seal maintenance
- Built-in cleaner does not interfere with operation
- Float operates as a "check valve"
- Excellent corrosion and heat resistance
- All models are alarm-ready
- Clear metering scale

PARTS INCLUDED:

- Clog resistant flow adjusting valve
- Hose barb connectors
- Mounting bracket
- Built-in tube cleaner

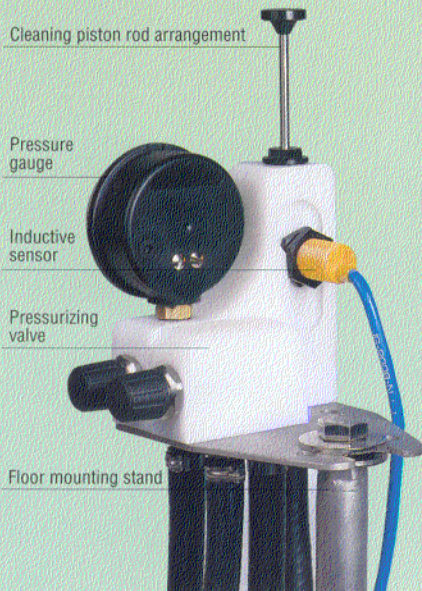
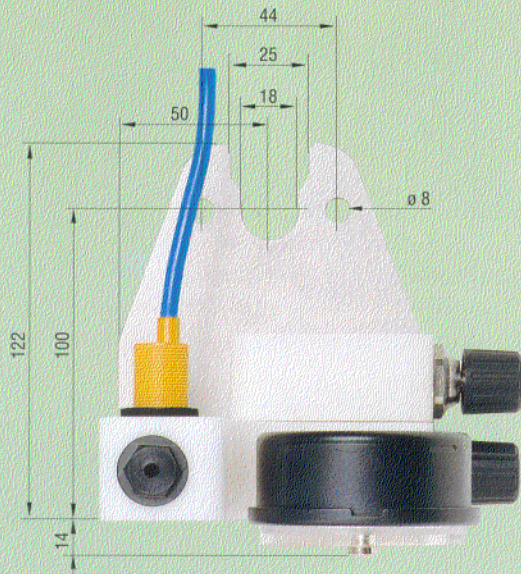
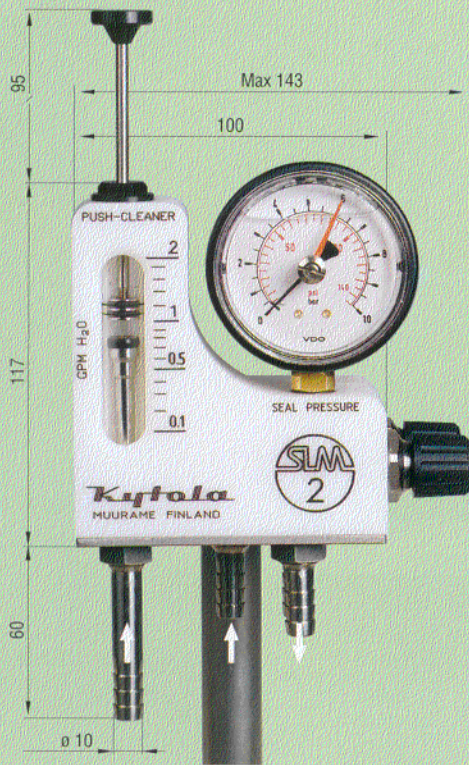
ACCESSORIES:

- Pressurizing valve for double mechanical seals
- Pressure gauge
- Floor mounting stand
- Hoses and hose barb connectors for pump
- Check valve
- Alarm sensor

TYPICAL APPLICATIONS:

- Single and double mechanical seals
- Gland packings
- Flushing water applications
- Purging applications
- Other flow measurement applications

Note: Dimensions in mm.



Model: **SLM** [] - [] [] [] []

Accessories:

- G** Pressure gauge, 0–10 bar
- K** PVDF body
- M** PSU (Polysulfone) – metering tube
- P** Pressurizing valve
- S** Floor mounting stand

Range code:

	Flowrate	Adjustable alarm range
1	0,05–1,0 LPM	0,16–0,6 LPM
3	0,1–3,0 LPM	0,4–2,0 LPM
8	0,5–8,0 LPM	1,0–4,6 LPM
13	1–13 LPM	3,0–10 LPM
15	1–15 USGPH	2,5–10 USGPH
50	2–50 USGPH	6,0–32 USGPH
2	0,1–2,0 USGPM	0,3–1,2 USGPM
35	0,25–3,5 USGPM	0,8–2,7 USGPM

Example: **SLM3 - GPS**

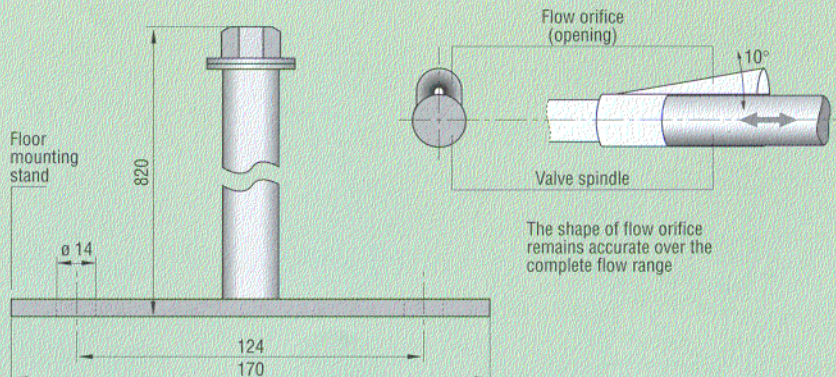
(Range: 0,1–3 LPM, pressure gauge, pressurizing valve, floor mounting stand)

Technical data:

Body material	POM (PVDF optional material, code "K")
Metering tube	Borosilicate glass (PSU optional material, code "M")
Metallic parts	AISI 316, float AISI 329
O-ring seals	Viton
Max. pressure	20 bar
Max. temperature	100°C
Pressure loss	SLM1 & SLM3: 0,4 bar @ 1 l/min, 1,3 bar @ 2 l/min SLM8: 1,4 bar @ 5 l/min, SLM13: 1,4 bar @ 8 l/min
Connectors	10 mm hose barb connectors
Weight	1,2 kg incl. pressure gauge, press. valve, package

Optional accessories:

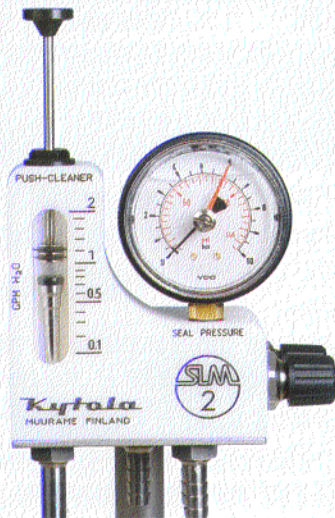
ILK-M18-FR	18 mm ind. proximity sensor, self contained, 10–55 VDC 2-wire, NO/NC programmable, sens. dist. ≥12 mm
ILK-M18-AB	18 mm ind. prox. sensor, self contained, 20–250V AC/DC max. 250mA(AC) / 100mA(DC), sens. dist. ≥12mm
CVR1/4-10	Check valve: 10 mm hose barb & BSP 1/4" male thread
CVR3/8-10	Check valve: 10 mm hose barb & BSP 3/8" male thread
CVR1/2-10	Check valve: 10 mm hose barb & BSP 1/2" male thread
LEKAR1/4-10	10 mm hose barb connector to pump, BSP 1/4" male
LEKAR3/8-10	10 mm hose barb connector to pump, BSP 3/8" male
LEKAR1/2-10	10 mm hose barb connector to pump, BSP 1/2" male
ZTINELET 10	10 mm textile reinforced rubber hose c/w clamps, 1,5 m



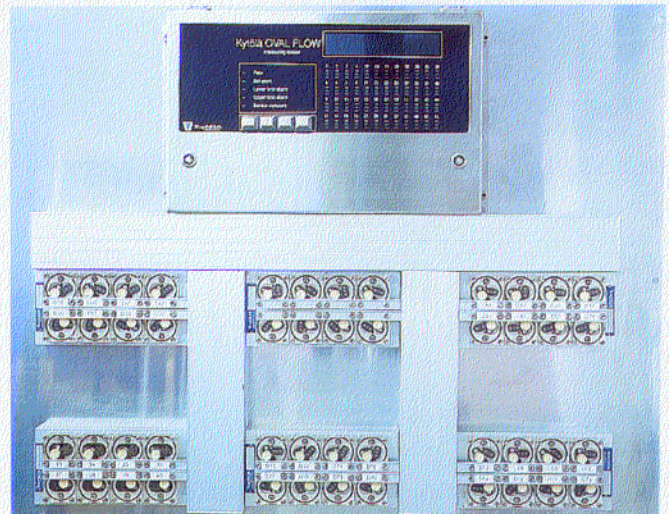
Kytola Oy introduces a new sealing liquid monitor

This new product is designed to measure and control sealing liquid, it is especially good for monitoring under difficult conditions. It has been developed in partnership with our major users. The quality is guaranteed by wide experience of Kytola Oy and our certified ISO 9002 quality system.

Over its long established history Kytola Oy have a proven track record for innovative, successful and high quality products which have achieved the approval of the users world-wide.



Kytola -Sealing
Liquid Monitor



Kytola-Oval Flow
Lubrication oil monitoring systems in paper machines



Modern production facilities (including CNC machining centres)



Kytola-Oilan
The Oilan analyser measures water
content in oil with 0.001% accuracy.

Kytola

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