

# The economical liquid volume measurement

The choice is yours



## PP for neutral and aggressive liquids

such as glycol, ferric (III) chloride, hydrochloric acid, phosphoric acid, etc.



## PVDF for highly aggressive fluids

such as chlorine solution, nitric acid, sulphuric acid, etc.

Lutz offers complete pumping systems for the laboratory and research sector. The pump set Lutz B2 Vario can be optionally equipped with a flow meter TR3-PP (Order No. 0213-051).



Type		TR3-PP		TR3-PVDF	
<b>Material</b>	Housing top Keypad Shock protector	PC PES NBR		PC PES NBR	
<b>Material</b> (in contact with the medium)	Measuring chamber Rotor Shaft Bearing ball Seal	PP PP Hastelloy C-22 PTFE PTFE		PVDF PVDF Hastelloy C-22 PTFE PTFE	
<b>Range of measurement</b>		5-120 l/min.		5-120 l/min.	
<b>Range of viscosity</b>		0.8-40 mPas		0.8-40 mPas	
<b>max. operating pressure</b>		10 bar		10 bar	
<b>Measuring accuracy (uncalibrated)</b>		± 2%*		± 2%*	
<b>Measuring accuracy (calibrated)</b>		± 1%*		± 1%*	
<b>Repeating accuracy</b>		± 0,5%		± 0,5%	
<b>Connection</b>		G 1	G 1 1/4	G 1	G 1 1/4
<b>Protection class</b>		IP 65		IP 65	
<b>Battery</b>		Two 1.5 V batteries (AAA) replaceable		Two 1.5 V batteries (AAA) replaceable	
<b>Range of temperature</b>		-10 up to +50 °C		-10 up to +50 °C	
<b>Dimensions</b>		85 x 123 x 52 mm		85 x 123 x 52 mm	
<b>Weight</b>		0.22 kg		0.24 kg	
<b>Order No.</b>	Assembly at B1/B2 Battery/B2 Vario	<b>0213-051</b>	-	<b>0213-061</b>	-
<b>Order No.</b>	Assembly at drum pump	-	<b>0213-050</b>	-	<b>0213-060</b>
<b>Order No.</b>	Assembly at nozzle	-	<b>0213-052</b>	-	<b>0213-062</b>

\* Test assembly: Medium: water/diesel, flow in the preferred direction, settling section of 0.2 m on inlet and outlet of the flow meter