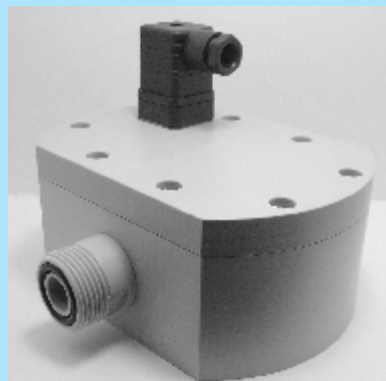


Your Partner for low-flow Flow meters has principles!

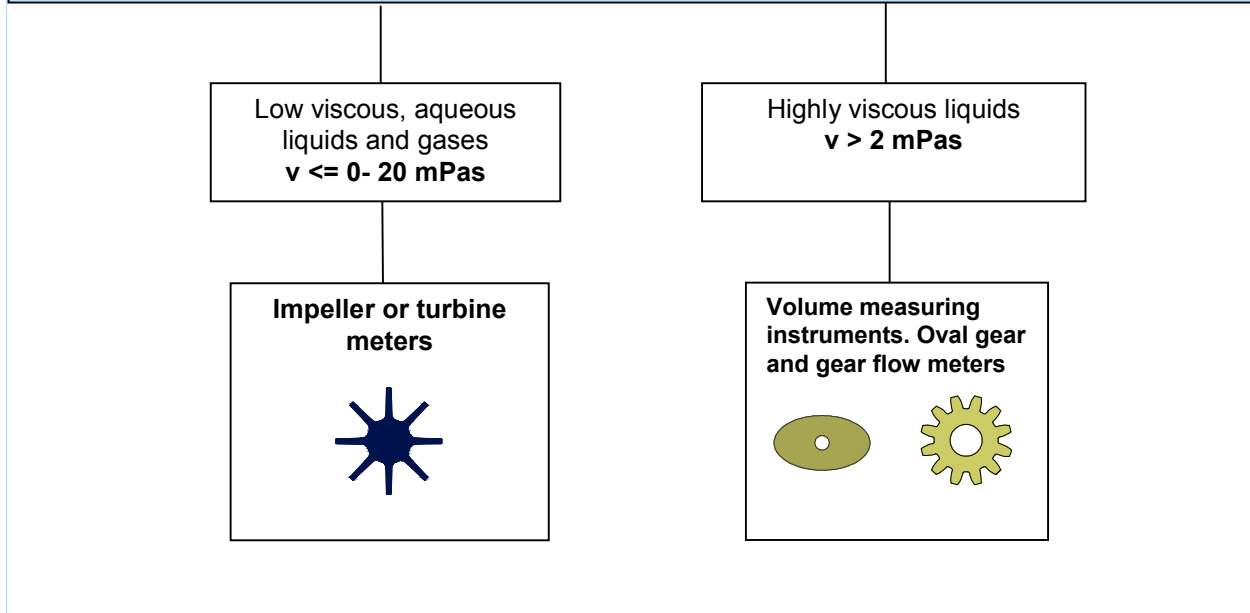
Turbine- and paddle wheel Flow meters



Oval gear- and gear wheel Flow meters



Applications of the principles of measurement



Applications of the used materials

PP, PVDF, PTFE, PPS, ECTFE, Peek, Stainless steel 316L / 1.4571	POM (Polyoximethylen), PC (Polycarbonat), PA (Polyamid)	POM (Polyoximethylen) PA (Polyamid), ALU (Aluminium)
<p>Chemically aggressive liquids</p> <ul style="list-style-type: none"> - Acids - Alkalines - Disinfectants - Solvents - VE-water - DI water 	<p>Neutral Liquids</p> <ul style="list-style-type: none"> - Water - Glycole-water mix. - aqueous liquids - Ink (liquid) - Solvent (PC) 	<p>Petrochemical Products</p> <ul style="list-style-type: none"> - Diesel - Gasoline - Oil - Vegetable oil - Palm oil - Petroleum - Kerosene

Temperature range:
POM, PA => 80°C
PC, PP, PVDF, ECTFE => ca. 100 °C
PPS, Peek, PTFE, Stainless steel 316L / 1.4571=> 180°C

Turbine- and paddle wheel Flow meters

 Turbine	Application Measuring and dosing of aqueous fluids	Series	Flow range (Q) LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-mini-PC /TR FCH-mini-PP /PVDF FCH-mini-POM FCH-mini-ALU	The measuring range depends from nozzle size. Q= 0,015 - 6 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-midi-TR FCH-midi-PVDF FCH-midi-POM	The measuring range depends from nozzle size. Q= 0,05- 10 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-PP FCH-PVDF/PTFE DFM-ALU	The measuring range depends from nozzle size. Q= 0,05- 8 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	DFM-POM DFM-ECTFE/ PVDF DFM-POM	Q= 0,5- 21 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-C-PA / MS -- FCH-C-Messing	Q=0,5- 30 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-34-POM FCH-34-PP FCH-34-ALU	Q= 0,5- 100 LPM.
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-SE-PP FCH-SE-PP FCH-SE-Messing	Q= 1- 1000 LPM
 OEM	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	on request on request on request	0,015- 1000 LPM

Oval gear- and gear wheel Flow meters

NEW

VZS 003-Series Q= 0,001- 0,3 LPM



Oval gear 	Application Measuring and dosing of medium to high viscosity fluids.	Series	Flow range (Q) LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZS 003-5-ALU VZS 003-5-VA VZS 003-5-ALU	VZS 003-Series Q= 0,001- 0,3 LPM VZS 005-Series Q= 0,005- 1,5 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZO-03-PP/ PVC VZO-03-ECTFE ---	Q= 0,033- 1,5 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZO-08-PP/ PVC VZO-08-ECTFE ---	Q= 0,08- 1,8 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZS 007-ALU VZS 007-VA VZS 007-ALU	Q= 0,5- 21 LPM
Gear wheel 	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	FCH-C-PA / MS - FCH-C-Messing	Q= 0,5- 30 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-04-POM VZB-04-PP VZB-04-ALU	Q= 0,04- 3 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-04-POM VZB-04-PP/PE VZB-04-ALU	Q= 0,1- 5 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-10-PP VZB-10-PP VZB-10-ALU	Q= 0,1- 10 LPM

Gear wheel Flow meters and Electronics

Gear wheel 	Application Measuring and dosing of medium to high viscosity fluids.	Series	Flow range (Q) LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-15-PP VZB-15-PP VZB-15-ALU	Q= 1,0- 75 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-32-PP VZB-32-PP VZB-32-ALU	Q= 0,033- 1,5 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	VZB-50-PP VZB-50-PP	Q= 5,0- 125 LPM
OEM Gear wheel meters	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis - Petrochemical Products (Diesel, Fuell, oil) 	on request on request on request	Q= 0,05- 125 LPM
Electronic	<ul style="list-style-type: none"> - for all BT flow meters 	ARS 260 ARS 261 FCC-01/ FCX 22 FLO	
	<ul style="list-style-type: none"> - Flow rate and Totalizer - Differential electronic Addition- / Differential measurement 	ARS 260 ARS 260-EC-01 ARS 261 ARS 261-EC-01	
	<ul style="list-style-type: none"> - Batch Controller with relay output - Flow controller with Hysteresis 	FCC-01 FCX 22	
	<ul style="list-style-type: none"> - Digital analog converter for rail mounting. - Digital to analog converter in a intermedite cable 	0-5 V, 0-10 V 0-20 / 4- 20 mA 2- / 3-wire (Source oder Drain)	

mobile Flow meters and accessories

mobile Flow meter	Application	Series	Flow range (Q) LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis Petrochemical Products (Diesel, Fuell, oil) 	FCH-34-PP-mobil FCH-34-PP-mobil on request	Q= 1,0- 100 LPM
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis Petrochemical Products (Diesel, Fuell, oil) 	Water-Doser auf Anfrage ----	Q= 1- 80 LPM
Flow- switch	Application: as flow control or switch, dry run protection for pumps.	FS-01, Flow switch	
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis Petrochemical Products (Diesel, Fuell, oil) 	FCH-m-FS, POM FCH-m-FS, PP FCH-m-FS, POM FS-01, Flow switch	on request on request on request on request
Accessories	Filters and Fittings from PP, Mounting plates for flow meters		
	<ul style="list-style-type: none"> - Neutral liquids - Acids and alkalis Petrochemical Products (Diesel, Fuell, oil) 	FiltersPP-grey Filters-PP-grey Filters-stainless steel	
	<ul style="list-style-type: none"> - Fittings with male thread from PP - Fittings with female thread from PP 	on request on request	
	<ul style="list-style-type: none"> - Mounting plate for flow meters 	on request	