

esko



EMO MULTI-TUBE FLOW METER

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EMO MULTI-TUBE DATASHEET



For medium flows up to
2.5 GPM / 10 LPM

For standard lubricating
oils

APPLICATIONS

- Circulating lubrication oil systems
- Also for water and air applications

FEATURES

- Solid construction, reliable operation
- Single inlet reduces piping
- Large selection of flow ranges
- Easy to install, clean and maintain
- Can be fitted with low flow alarm
- Impact resistant flow tube
- Custom calibration for all operating conditions

EMO MULTI-TUBE FLOW METER

SPECIFICATIONS

MODEL	EMO-E	
METERING TUBE	GRILAMID® TR55	POLYSULPHONE (PSU)
Body material	Aluminum	Aluminum
Metallic parts	SS316	SS316
O-ring seals	Nitrile (optional Viton® or EPDM)	Nitrile (optional Viton® or EPDM)
Maximum pressure	440 psi	440 psi
Maximum temperature	176°F / 80°C	248°F / 120°C
Connections inlet	3/4" NPT	3/4" NPT
Connections outlet	1/2" NPT	1/2" NPT
Weight	1.7 lbs / 0.75 kg per tube	1.7 lbs / 0.75 kg per tube
Build options	Flow tube material, custom calibration for all operating conditions, O-ring seals	
Optional accessories	Can be fitted with inductive low flow alarm, pressure gauge (with optional red set pointer), flow marker (Model EMP)	



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FLOW METER **EMO**

SINGLE FLOW TUBE
MULTI-TUBE, NUMBER OF TUBES (2-7) **n**

END BLOCK MATERIAL Aluminum **A**
Delrin® (POM) **D**
Kynar® (PVDF) **K**
SS316 **S**

FLOW RANGE	WATER		AIR		
	GPM	LPM	SCFM	NLPM	
NOTE: Flow range codes have been updated.	0.5	2	2.75	75	J
	0.9	3	5	130	K
	1.4	5	6.5	170	L
Please contact us for model code conversion information.	2.2	9	10	260	M
	2.6	10	11	300	O
	4.25	16	17	450	P
	5	20	24	650	S
	8	30	27.5	700	T

SCALE Water GPM **1**
Air SCFM (14.7 psia @ 68°F) **2**
Dual scale GPM / SCFM **3**
Water LPM **4**
Air NLPM (101.3 kPa @ 20°C) **5**
Dual scale LPM / NLPM **6**
Relative scale (1-10) **R**

OPTIONS PES/PSU flow tube **P**
Viton® O-ring seals **V**
EPDM O-ring seals **E**
Backpressure valve **B**
Gauge (160 psi standard) **G**
Mounting bracket **M**

EMO multi-tube meters can be used for standard lubricating oils and also for water and air applications.

CONSTRUCTED FOR OIL APPLICATIONS:
1-7 tubes, built with aluminum end blocks

CONSTRUCTED FOR WATER AND AIR APPLICATIONS:
1-3 tubes, built with SS end blocks
1-2 tubes, built with Delrin® end blocks

Contact us to discuss your monitoring needs.

HOW TO SPECIFY Model EMO, with valve on outlet, an example: EMO2-SG1-V

1. Select number of flow tubes **2**
 2. Select **S** for SS316 end blocks
 3. Specify flow range **G** for up to 5 GPM
 4. Choose scale type **1** for water
 5. Add build option **V** for Viton® O-rings
- EMO2-**
EMO2-S
EMO2-SG
EMO2-SG1
EMO2-SG1-V

SPECIAL ORDER CONSTRUCTION

Use code EM-EXXXX. A unique manufacturing number will be assigned at the time of production (eg. EMO-E7345)
Contact us for details.



FLOW TUBE

1-800-665-3756

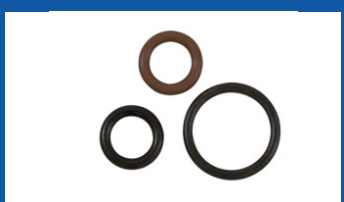


INDUCTIVE ALARM

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BODY MATERIAL



O-RINGS

esko PACIFIC SALES