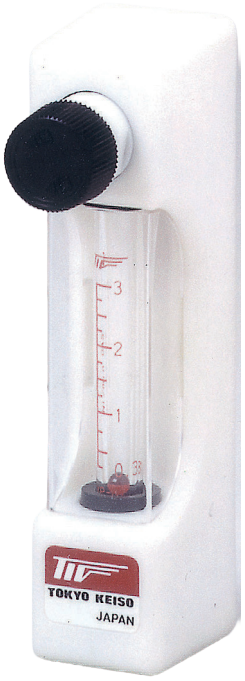
XP Purgemeter

DESCRIPTION

Compact, low-cost, quick-delivery purgemeter with POM (Polyacetal) body for measuring gases and liquids.



MAJOR APPLICATIONS

General purpose, quick delivery.

STANDARD SPECIFICATIONS

Measuring fluid		Gases Liquids	
Measuring range (Standard)		Air	Min. 0.1 to 1 L/min (nor) Max. 2 to 20 L/min (nor) ・0 MPa (1atm), 20 ℃
		Water	Min. 0.02 to 0.1 L/min Max. 0.2 to 1 L/min ・1.0 g/cm³, 1.0 mPa・s
Measuring range (Optional)		Air	Min. 0.1 to 1 L/min (nor) Max. 2 to 20 L/min (nor)
		Water	Min. 0.02 to 0.1 L/min Max. 0.2 to 1 L/min
		・When selecting a flow range, refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).	
Range ability		10:1(10:2 for some models)	
Indication accuracy		±5% F.S.	
Fluid pressure		Max. 0.4 MPa	
Fluid temperature		Max. 50℃	
Material	Wetted part	Polyacetal (POM)	
	Tapered tube	Heat-resistant glass	
	Gasket	Fluoro rubber	
	Cover	Polycarbonate	
Process Connection		Rc: 1/4" (Standard)	
Mounting		Screw mount on the panel front (Standard)	
Mass		approx. 0.1 kg	

The maximum fluid temperature for each material may vary depending on usage and ambient conditions.

ALARM CONTACT AND OUTPUT

Type		Availability
Reed switch type alarm unit	General	×
	UL-approved	×
PAU optical alarm unit		○

For CE approval, refer to "Index & Quick Reference for P-Series Purgemeters" (TG-S0001).

BASIC MODEL CODE

Model Code						Descriptions	Notes
XP-	□	□	—	□	□		
Flow range	L	1				Water 0.02 to 0.1 L/min	
	L	2				Water 0.04 to 0.2 L/min	
	L	3				Water 0.06 to 0.3 L/min	
	L	4				Water 0.1 to 0.5 L/min	
	L	5				Water 0.2 to 1 L/min	
	G	1				Air 0.1 to 1 L/min (nor)	
	G	2				Air 0.3 to 3 L/min (nor)	
	G	3				Air 0.6 to 6 L/min (nor)	
	G	4				Air 1 to 10 L/min (nor)	
	G	5				Air 2 to 20 L/min (nor)	
	0	0				Special flow range	Refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).
Valve			—	0		Not provided	
			—	L		Inlet (gas for atmospheric pressure scale)	
			—	U		Outlet (gas for pressure scale)	
Alarm output					0	Not provided	
					E	PAU alarm unit provided	

ORDERING INFORMATION

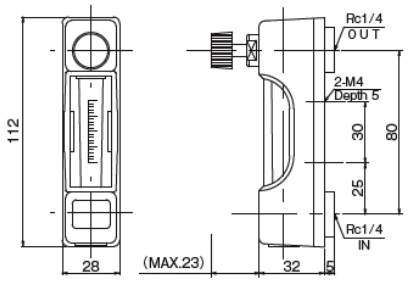
Basic model code	Items to be specified
XP-□□-□□	① Fluid name — ② Flow range — ③ Press. — ④ Temp. — ⑤ Mounting option — ⑥ Other options
(Select in the model code table.)	(Refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).)

www.sps-international.com sales@sps-international.com | www.sps-polos.com sales@sps-polos.com | www.waferhandlingsystems.com sales@waferhandlingsystems.com | www.esproflow.com sales@esproflow.com

STANDARD SPECIFICATIONS

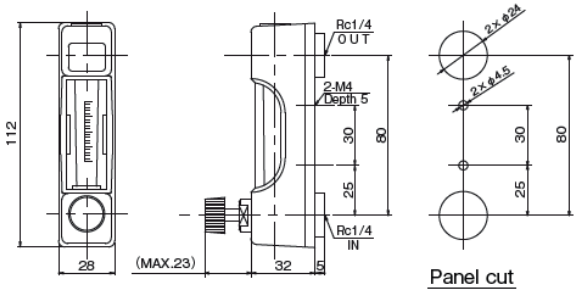
Standard type
XP −□□− U0

■ Screw mounting on the panel front
■ Valve at the outlet



Standard type
XP −□□− L0

■ Screw mounting on the panel front
■ Valve at the inlet



Standard material

Parts name		Standard material	Available material
Body	○	Polyacetal (POM)	—
Tapered tube	○	Heat-resistant glass	—
Float※	○	SUS316, Glass	Ruby
Packing	○	Fluoro rubber	—
Valve	○	Polyacetal (POM)	—
Cover		Polycarbonate	—

Parts marked "○" come in contact with the measuring fluid.
※We will select a proper material for your application.

www.sps-international.com | sales@sps-international.com
www.sps-polos.com | sales@sps-polos.com
www.waferhandlingsystems.com | sales@waferhandlingsystems.com
www.esproflow.com | sales@esproflow.com