

DS TRP

SEALED REGISTER

MULTIJET

WATER METER

CLASS B AND C



EG METAL
El Gohary For Water Meters



Tel: +202 35390027, Tel: +202 35390028, Fax: +202 35390029
Cairo Alexandria Desert Road , Km 28 ,Behind Smart Village Area 98 A.

We reserve the right to introduce any modification which may improve the quality of our product. Our technical staff is at your service for further information and to help you solve your technical problems.

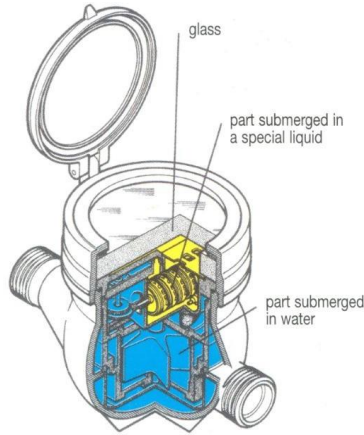
Multijet Meter DS TRP Class B and C

THE PRODUCT

DS TRP is a multijet meter for cold water which can be used and read with any type of water even if it is extremely hard, scaling or contains suspended particles.

This is possible thanks to the isolation of the numbered

Drums in transparent, sealed capsule filled with a special liquid, and equipped with a pressure compensating device and an anti fogging system for the glass. The sealing of the drums in this way means that this part never comes into contact with the water flowing through the meter and assures a clear and reliable reading of the meter in all conditions.



STRUCTURAL CHARACTERISTICS

- Internally and externally epoxy painted brass body.
- Hot forged brass cap.
- Tempered glass cover of adequate thickness cut from glass plate
- Lid made from shockproof plastic material (brass lid on request).
- Internal filter of adequate filtering section.
- Internal mechanism made from, wear-resistant water proof, antimagnetic and antiscaling plastic material.

FUNCTIONAL CHARACTERISTICS

- Mechanical transmission not effected by external magnetic fields or ferrous particles in the water.
- Hydraulic performance according to the current standards EEC 75/33. The meter is available approved both in Class B and Class C .
- All meters undergo a selective precision test at 3 flowrates using testing benches certified by European Metrological authorities .
- On request, the meters can be supplied with official ECC marking that certifies that initial verification has been carried out.

All characteristics mentioned above make the DS TRP model a meter which combines the advantages of both the traditional wet dial meters as well as those of dry types without the known disadvantages of both.

OVERALL DIMENTIONS AND HYDRAULIC PERFORMANCE

SIZE	mm	15		20		25		30		40		50	
	inches	1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
		Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.C
Qmin	1/h	30	15	50	25	70	35	100/120	50/60	200	100	450	90
Qt	1/h	120	22.5	200	37.5	280	52.5	400/480	75/90	800	150	3,000	225
Qn	m³/h	1.5		2.5		3.5		5/6		10		15	
Qmax	m³/h	3		5		7		10/12		20		30	
Starting flowrate	1/h	10		10		22		22		35		50	
Max Reading	m³	100,000		100,000		100,000		100,000		1,000,000		1,000,000	
Min Reading	1	0.05		0.05		0.05		0.05		0.05		0.05	
Working pressure	bar	16		16		16		16		16		16	
	MPa	1.6		1.6		1.6		1.6		1.6		1.6	
Length without tail pieces	mm	110-130-145-160-165-170		160-190		220-260		260		300		300	
Length with tail pieces	mm	190-210-225-240-245-250		258-288		338-378		378		438		461*(Flange 300)	
ECC homologation Nr.		B 89 317.01		B 89 317.02		B 89 317.03		B 89 317.04		B 89 317.05		B 89 317.06	I01 06.01.043

*The 2" version can be supplied in either flanged or threaded version

The DS TRP meters can be supplied either with special "double reed" impulse emitter or "pre-set" for a future activation of the emitter it self (see special leaflet).Furthermore a version with the outlet machined for the insertion of a non return valve to protect the meter and piping from eventual backflows is available. When constructed with specific materials DS TRP can be used with hot water up to 90°C.



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