

ONE®

SINGLE JET
WATER METER
WITH SEALED
REGISTER

 **maddalena**®



 B 89 317.08	 ICIM	 CISQ	 ICNet
ISO 9001 - Cert. n° 0773/2			

ONE®

TRP single jet water meters with sealed register

The water meters model One - manufactured using a completely automatic and integrated production line - are today available in two metrological classes, the traditional class B meter equipped the new practical circular cover and the class C meter that introduces high accuracy.

METER MODEL CD ONE TRP

This is a single jet inferential type meter for cold water direct reading on numbered drums.

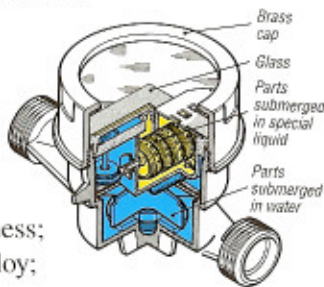
The numbered drums are contained in a sealed capsule filled with a special liquid with a device ensuring the same pressure both inside and outside the capsule. An anti-fogging system ensures a clear reading in all conditions. Thus CD ONE TRP meter can be used with any kind of water, even if particularly hard, scaling, turbid or muddy.

Versions for hot water upto 90°C and/or for telemetering are available.

MAIN FEATURES

The Maddalena ONE TRP meter offers the following advantages:

- absolute guarantee of quality: this meter is assembled, tested and packed by a completely automatic and integrated production line;
- all meters undergo severe and selective tests;
- hydraulic performances according to classes B and C of EEC standards;
- glass cut from plate glass of suitable thickness;
- body and cap in brass alloy;
- cannot be influenced by outside magnetic fields;
- "flag" type pointers avoid parallax errors;
- fractions of cubic meters are always clearly visible regardless of the type of water being measured.



THE DUAL ADVANTAGES OF TWO CLASSES

As a result of the continuous technological research Maddalena is able today to present the new versions of CD ONE TRP, single jet meter with sealed register ideal for use with hard and scaling waters. The product range has been enriched with the new models **homologated in class C EEC 75/33** which can be supplied with the initial verification seal. Compared with **the traditional class B** meters these models offer a **better accuracy at the low flowrates**. The values of Q_{min} and Q_t are lower which means that the meter **starts to count immediately** with obvious advantages for a more precise management. Even the class B model has been renewed with the new circular cover which can be **rotated around 360°**.

OVERALL DIMENSIONS AND HYDRAULIC PERFORMANCES

SIZE	mm	13	20	25	30		
	inches	1/2"	3/4"	1"	1.1/4"		
Q_{min} : 1st accuracy limit with error $\pm 5\%$	l/h	B 30 C 15	B 50 C 25	B 70 C 35	B 100 C 50		
Q_t : 2nd accuracy limit with error $\pm 2\%$	l/h	120	22,5	200	37,5	280	400
Q_n : nominal flow	m ³ /h	1,5	2,5	3,5	5		
Q_{max} : maximum flow for short periods	m ³ /h	3	5	7	10		
Maximum reading	m ³	100.000	100.000	100.000	100.000		
Working pressure	bar	16	16	16	16		
	MPa	1,6	1,6	1,6	1,6		
Length without couplings*	mm	110	130	160	160		
Length with couplings	mm	190	228	278	278		

* For different lengths agreements can be made with our technicians.

Options available on request:

- the meter can be supplied pre-equipped or complete with a pulse emitter unit.
- the meters can be supplied with official EEC marking that certifies that initial verification has been carried out.

 **maddalena®**

MADDALENA S.P.A.

Factory Via G.B. Maddalena 2/4 • 33040 POVOLETTO UDINE • ITALY

E-mail: info@maddalena.it • www.maddalena.it • Tel. +39 0432 634811 • Telefax +39 0432 679820

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.