

# Invensys 520PR Domestic Water Meters



The 520PR is designed for measuring potable water, featuring larger Piston design for maximum low flow performance, quiet operation and longer operating life. Spring loaded, soft seated integral non-return valves, ensure back flow prevention sealing prior to reverse flow. New robust register design with 5mm polycarbonate construction and comes complete with tamper indicator. Meter's available in sized 15mm through to 20mm, and are pulse compatible.



## Features

- Vandal and tamper resistant design
- Maintenance free
- Horizontal or vertical installation
- Non-fog new easy read rotatable register
- Integral non-return valve
- Built in protection filter
- Large piston design for longer life and higher accuracy
- Each meter individually, independently certified
- Certified to Class C, BS, ISO, EEC regulations
- Pulse compatible register

## Model Options

- 520PR inline type Class C meter
- BSP threaded nuts & tails
- Single and dual check tail sets



# Invensys 520PR Domestic Water Meters

## Invensys 520 Water Meter Performance\*

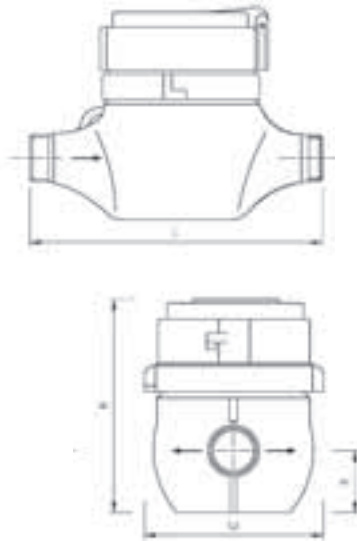
Certified to and exceeding class C ISO 4064/BS5728/EEC Specification

520PR Inline Water Meter	DNmm	15	20
Meter code		PR15	PR20
Meter thread size imperial BSP		3/4"	1"
Maximum flow rate Qmax + -2%	m3/hr	1.5	2.5
Normal flow rate QN + -2%	m3/hr	3.0	5.0
Transitional flow rate Qt + -2%	L/hr	13	16
Minimum flow rate Qmin + 5%	L/hr	7	9
Starting flow approx	L/hr	4	4
Head loss at Qmax	Bar	1.0	1.0
Head loss at Qn	Bar	0.25	0.25
Meter resets to zero at	m3	10000	10000
Minimum indicated digit value	Litres	0.0001	0.0001
Output pulse (Standard K505R Register)	Litres	0.5	0.5
Meter length to BS5728, ISO 4064/1	mm	134	165
Weight – meter only	kgs	0.97	1.3

\*Performance data is derived from Invensys printed literature accuracy curve

## Sizes and Weights

Nominal diameter		mm	15	20
Length	L	mm	134	165
Width	La	mm	99	99
Total height	H	mm	112	118
Height below the pipe axle	h	mm	35	34
Tail	Diameter	inch	3/4"	1"
Piece	Diameter	mm	26.44	33.25
Threading	Thread	mm	1.814	2.309
Weight		kg	1.3	1.5



## Acuflow Bronze Manifold System

Model		GM900S
Nominal size	DN mm	20mm
End connections	BSP	Female

### Notes:

- Specifications are subject to change without notice
- Not all configurations are available ex stock



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