# *D*elta-Sj-Sdc

**Irrigation impeller water meter - dry dial**

For further information contact Omni Instruments by phone on +44 845 9000 601 or via email at info@omniinstruments.co.uk

***This model is available in the following versions:***

- ***D*elta P** (Standard) *clockwork and head both in plastic*
- ***D*elta C** *"Copper Can" clockwork and plastic head*
- ***D*elta P+M** *plastic clockwork and metal head*
- ***D*elta C+M** *"Copper Can" clockwork and metal head*

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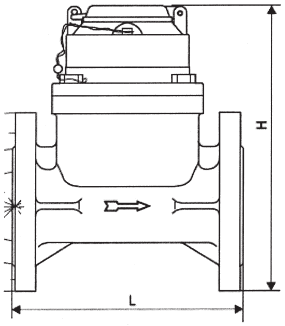
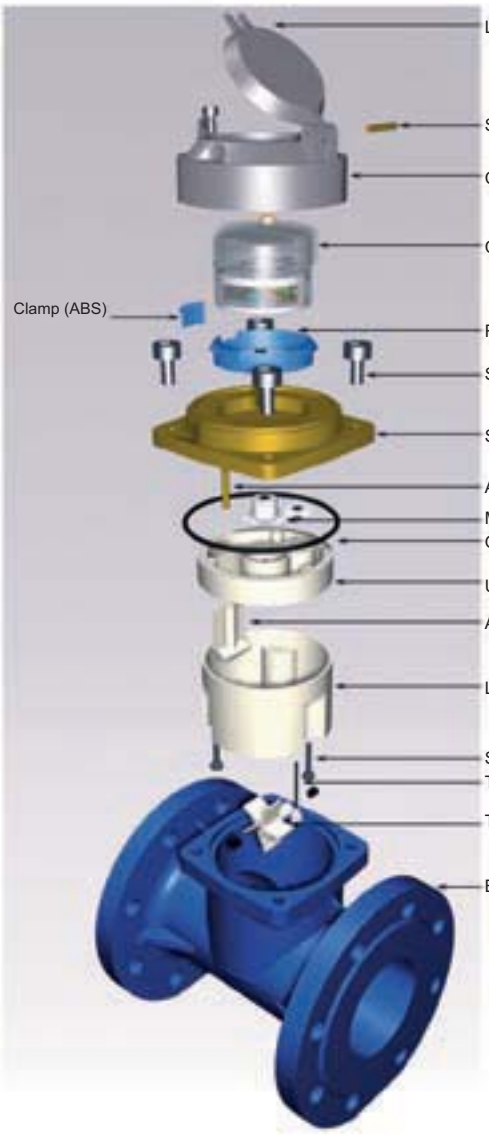
## Irrigation impellar water meter - dry dial

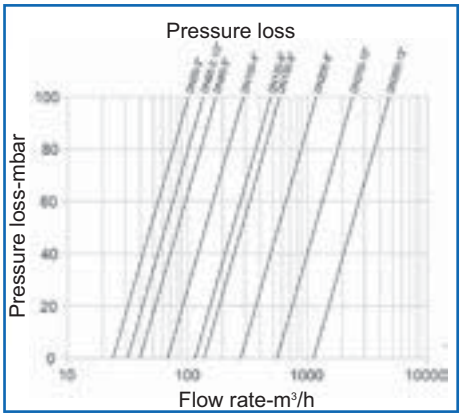
The DELTA-SJ-SDC can work at high flowrates whilst causing a negligible degree of head-loss.
The dial plate mechanism and the mechanical totalizer are located in a sealed, vacuum filled housing.
The DELTA-SJ-SDC is pre-equipped for the connection of a pulse emitter (reed switch type.) It's magnetically coupled dial transmission is protected against external magnetic fields by a special iron shield for security reasons.
Easy maintenance is assured by the interchangeable metering mechanism, which can be removed whilst in situ.
This meter can be installed in horizontal or vertical pipes.

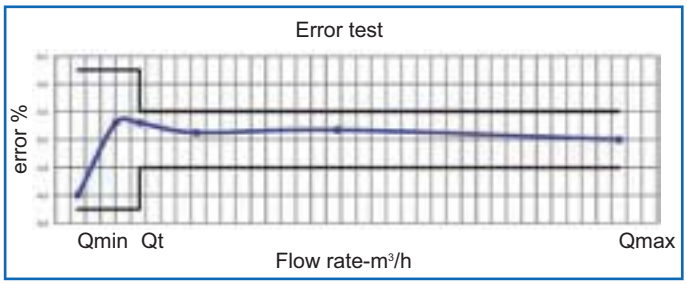





## TECHNICAL DATA AND DIMENSIONS

| GAUGE | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|---|---|---|---|---|---|---|---|---|---|---|
| | inches | 2” | 2.1/2” | 3” | 4” | 5” | 6” | 8” | 10” | 12” |
| **Qmax** | m³/h | 70 | 100 | 150 | 250 | 350 | 500 | 900 | 1200 | 1600 |
| **Qn** | m³/h | 35 | 50 | 75 | 125 | 175 | 250 | 450 | 600 | 800 |
| **Qt** | m³/h | 10,5 | 15 | 22,5 | 37,5 | 52,5 | 75 | 135 | 180 | 240 |
| **Qmin** | m³/h | 2,8 | 4 | 6 | 10 | 14 | 20 | 36 | 48 | 64 |
| **PN** | bar | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| **Pressure drop** (at Qmax) | bar | <0,1 | <0,1 | <0,1 | <0,1 | <0,1 | <0,1 | <0,1 | <0,1 | <0,1 |
| **Minimum reading** | lt | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 | 50 |
| **Maximum reading** | m³ | $10^7$ | $10^7$ | $10^7$ | $10^7$ | $10^7$ | $10^7$ | $10^7$ | $10^8$ | $10^8$ |
| **Weight** | Kg | 10,50 | 12,00 | 13,00 | 17,50 | 21,50 | 33,00 | 47,00 | 70,00 | 85,00 |
| **L** | mm | 200 | 200 | 225 | 250 | 250 | 300 | 360 | 450 | 510 |
| **H** | mm | 160 | 175 | 196 | 215 | 245 | 280 | 330 | 395 | 450 |




For pricing information contact Omni Instruments by phone on +44 845 9000 601 or via email at info@omni.uk.com

ED. 01/2008- novembre 2008 The content of this datasheet is intended to give general information on the product only and we reserve the right to make alterations without prior notification