### Volumetric Water Meters

**V110 NRV KSM Polymer body and V100 NRV PSM DZR brass body**

- 15mm 114, 15mm 165, 20mm 165 & 25mm 198. Class C.
- 20mm 114 KSM Class D accuracy. (available on request).

### Standard RDP4 Contractors Polymer Meterbox

- 15mm and 20mm 114 meter.
- Municipal 3-way polymer ball valve (open, closed or trickle) with optional lock shield.
- External connections: 20mm female threaded.

### Above Ground Meterboxes

**Zonke Above Ground Polymer Meterbox**

- Suitable for all 114mm and 198mm body length meters (Volumetric and Multijet).
- 25mm internal piping.
- Municipal 3-way polymer ball valve (open, closed or trickle) with optional lock shield.
- Consumer 2-way polymer ball valve.
- External connections: 20mm female threaded.
- Note: Also available in pre-paid configuration.

**Zonke Lite Above Ground Polymer Meterbox**

- Convex shaped polymer above ground meter box. Suitable for 15mm 114 and 20mm 114 body length.
- Municipal 3-way polymer ball valve (open, closed or trickle).
- Optional lock shield for ball valve.
- Consumer 2-way polymer ball valve.
- External connections: 20mm female threaded.
- Note: Also available in pre-paid configuration.

**EZ3 Above Ground Polymer Meterbox**

- 15mm V110 NRV KSM 114 meter.
- 25mm internal piping.
- Municipal 3-way polymer ball valve (open, closed or trickle) with optional lock shield.
- Consumer 2-way polymer ball valve.
- External connections: 20mm female threaded.
PRE-PAID COMMUNAL STAND PIPE & STAND PIPE LITE

Designed to control dispensing of pre-paid water to communal sites with no individual household connections. Use same components i.e. Pulse output KSM meters, isolating latching valve and Electronic control box (just configured differently) as domestic pre-paid meter. Stainless steel meterbox (also available in mild steel). Manage free basic water. Tamper detection. Replaceable battery. Battery life up to 3 years, depending on number of users.

SMART METERING SOLUTIONS

INTELLIGENT METER READING SOLUTION (RF)

Fixed network link between water meters and web based interface. Long range remove water meter monitoring system also end-user mobile interface. Low power WAN. Up to 3 000 meters per gateway. Up to 12km LOS. Developed for IoT networks.

GSM SOLUTION


WALK OR DRIVE-BY AMR

Wireless meter module transmits up to 1km to hand held unit. Reading modes include peer to peer, group polling or GPS automated polling. Leak detection. Consumption profiles. Automated or manual reading input.

BULK WATER METERS

HELIX H4000 WOLTTMANN WATER METER


HELIX H5000 HYBRID WOLTTMANN WATER METER

Range: 40/50/80/100/150mm. Innovative measuring technology ensures wide measuring range (better than most combination meters). Electronic register with integral pulse output provides versatile outputs and informative display. Interchangeable internal mechanism. H4000 body can be retro-fitted with H5000 internal mechanism 40-100mm only. Suitable for forward and reverse flow measuring. Pressure tapping. Max working pressure: 1 600 kPa. Battery life up to 15 years.

C4000 IN-LINE COMBINATION WATER METER

Consisting of an H4000 Woltmann helical vane inferential type water meter and an integral V220 class C bypass meter. Range in mm: 50/80/100. Max working pressure 1 600 kPa.

PRE-PAID: TOKEN & STS SOLUTIONS

STANDARD TRANSFER SPECIFICATIONS (STS)
The STS pre-paid meter runs on globally accepted standards for prepayment and is interoperable with different STS compliant vending platforms.

WALL MOUNTED PRE-PAID METERBOX AND ZONKE METERBOX

15mm V110 NRV KSM 114 meter. Municipal 3-way polymer ball valve (open, closed or trickle) with optional lock shield. External connections: 20mm female brass threaded coupling.

Alternative metering products/technologies i.e. electromagnetic and/or ultrasonic, available on request.

Training
Intensive on-site training inclusive of installation, commissioning, operation and maintenance, both hardware and software is conducted. Remote desktop software support forms an integral part of the training, thus ensuring smooth operation of the system as a whole.

Warranty
All goods are tested and inspected prior to despatch. In the event of defects resulting from faulty workmanship or materials, such goods will be replaced/ repaired at our discretion, free of charge at the factory, but no responsibility will be accepted for any direct or consequential damage. This warranty covers the malfunction of a correctly installed item due to a manufacturing fault, but does not cover wear and tear considered normal at the locality of installation. Meter warranty on domestic meters is 3 years from date of manufacture and 2 years on bulk meters. Electronics warranty 1 year from date of manufacture.

Approvals
Department of Trade Metrology SANS 1529-1:2006, SANS 1529-9:2008

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