

## Wall Mounted Prepaid Assembly

804.104.117.001 WMD Mkii Prepaid WM + Kent + UIU + Seal

This Assembly Consists:

- Pulse out-put water meter
- Water management device (WMD)
- Pipework
- User Interface Unit (UIU)
- Wall mounted plastic housing

The WMD is capable of controlling the flow of water to a domestic or small commercial consumer at full pressure.

The WMD is configured to operate in Prepayment mode a UIU is added, which is a keypad with a LCD display. The UIU communicates with the WMD using Radio Frequency and enables the consumer to view their current credit, meter status, battery life and to input tokens.

When in Prepayment mode the WMD will shut-off supply once the credit is exhausted or if a tamper has been detected.

The WMD has the capability of detecting possible leaks on the consumer's proper



**The Utility Systems Prepaid Metering system is extremely versatile, and capable of addressing a wide range of metering options. It is a tried and tested system, with a very large deployment.**

**With its team of experienced product development engineers, and years of metering experience, Utility Systems is confident of staying at the cutting edge of technology**

### **Features**

- Drive by
- Fixed network
- Leak detection
- Comprehensive data on consumption
- Optional audible feedback on UIU
- UIU and WMD split for added convenience
- Programmable free daily allocation supported either directly on the WMD or via the vending
- Pressure tested to 16 bar operation with 24 Bar protection
- STS compliant encryption
- Battery indicator
- Numerical feedback keypad
- Automated control of full-pressure (mains) or semi-pressure (tank) systems
- Laptop interrogation, testing and re-programming in the field using the low cost Field Service Terminal (FST)
- Optional AMR ( Automatic Meter Readings) by radio link
- Supplied pre-programmed to order, but can be reprogrammed in the field or stores
- Daily or monthly limitation between 10 litres to 50,000 litres
- Hourly consumption logging (120 days FIFO)
- Incorporates tamper-proofing measures
- Daily carry-over of unused allocation within month
- Indefinite daily carry-over
- Robust keypad
- Multiple vendor support Prepaid World, Landis &Gyr, etc.
- Multi vending infrastructure, Utility banking hall, Point of Sale (POS), SMS, WEB, scratch card etc.
- Vending via 3rd party, Corner store café, Petrol station, Grocery store chain etc.
- Pressure range 0.5 bar to 16 bar
- Data logger – 120 days reading FIFO
- Battery Life 7 to 10 years