

RSM30 Hardware

Ambient Conditions

- **Operation:** 0 to 55°C (-4 to 131°F);
0 to 95% relative humidity, non-condensing
- **Storage:** -5 to 70°C (-4 to 158°F);
0 to 95% relative humidity, non-condensing

Power Requirements

- 100 to 230 VAC, 50/60 Hz
Approx. Power: 200 - 500 W depending on configuration
- *Optional:* 24 VDC

Dimensions

- 750 x 900 x 250mm (30 x 36 x 10in.)

Enclosure

- Fiberglass NEMA 4
- Lockable
- Surge protected
- Fused and unfused terminals
- Cable entry gland unit
- Handles and castors for easy transport
- Optional thermostat controlled electric cooling and/or heating unit(s)

Mounting Configurations

- Surface and pipe (via mounting brackets)

Weight

- Approx. 45 kg (100 lbs.) depending on configuration

Internal PC

- Intel Atom Dual Core Fanless CPU
- Solid State Drive
- CDRW-DVD Writer Slim Slot Drive
- 10/100 LAN, Wireless LAN, serial port
- Profibus configured
- Optional display: 15", 17" or 19"
- Optional 2nd drive (RAID configured)

Communication (Optional)

- GSM cellular module
- Ethernet service port (standard)
- Wired or wireless connectivity

Data Management (Optional)

- Primodal's Secure Data Acquisition Service (SDAS)
- Automated secure data download from Primodal's servers
- Secure internet-based access to data for visualization and manual data download

Warranty

- 1yr

Acquisition Options

- Buy or lease options available

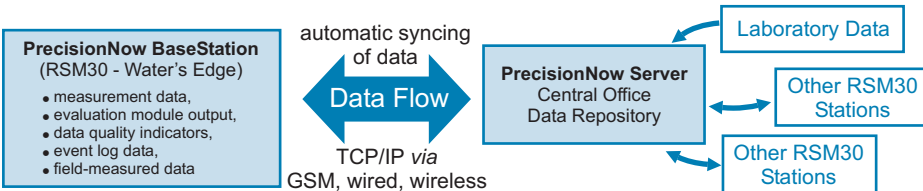
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In the interest of improving and updating its equipment, Primodal Systems Inc. reserves the right to alter specifications to equipment at any time.

PrecisionNow

- robust, flexible, customizable
- long term time series management
- real-time data pre-processing, error checking, alarm triggering
- real-time data filtering (moving averages etc.)
- innovative data quality management system linked to LIMS data



PrecisionNow Software

Software Licences (included)

- PrecisionNow BaseStation (RSM30)
- PrecisionNow Server (central office)

Basic Features

- User-friendly graphical user interface
- Commonly used Windows menu structure
- Configured to user specifications at time of delivery
- User configurable if new sensors added
- User accounts for configuration integrity
- Logged data at user specified intervals:
 - » raw measurement data
 - » data quality data
 - » module output data
 - » configuration data
 - » meta data
 - » qualitative log data
- Input of field (or lab) measured (LIMS) data
- Data visualization
 - » current & historical
 - » single or multiple signals

Sensor Support

- Sensor manufacturer independent (Hach, E+H, S-CAN, ITT (WTW),...)
- Connect sensors from different manufacturers in the same station
- Connect multiple sensors (theoretically unlimited)
- Support for both digital & analogue signals

Real-Time Data Evaluation

- Built-in evaluation module toolbox
- Open-code structure for client-specific tools and modules
- User-customizable module examples
- Real-time error checking
- Real-time alarm triggering
- System-wide data analysis using data from multiple locations

Software Support

- 1 yr (technical support & all upgrades)
- On-going with SDAS subscription or technical support agreement

For current price information, technical support, and ordering assistance, contact Primodal

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