



# MeterMaster PRO

COMPLETE MANAGEMENT & CONTROL



MeterMaster connects to any SCADA, an array of instruments, various power sources and includes asset management & control functionality. This is truly the top tier solution that will give you unprecedented flexibility in Control Panel design and deployment.

With the features and benefits from both the MeterMaster and MeterMaster Plus, the MeterMaster Pro includes:

- Easy, Quick and Cost Effective CSG Asset Management Solution with unprecedented flexibility and functionality
- Stamped and Stored data so you don't ever lose your information even if the communications network goes down!
- A choice of Power supplies, backups and management options
- Speed Compensation and Power Management Control Algorithms.
- Down Hole Sensor Control Algorithm.
- Pump Off Control Algorithm.
- Various Gas Metering Technologies.
- Full VSD Integration and Control.
- Advanced local operator touch display shows the instantaneous values and statistics of your process variables. Site setup and full control is also available via the local display.



## Value Added Options:

### Panel IO Expansion

Additional 8 channel Analogue input Module or mixed IO, supplied and fully wired and installed to our standard meter panels. Also additional industrial Ethernet switches for external device management.

### Telecommunications

Your choice of VHF, UHF, 900MHz ISM, 2G or 3G, all Digital IP based telecommunications, designed to meet your specific environmental challenges. Each communication option comes with appropriate antenna packs which include installation materials, feeders, connectors and protection.

### Instrument Packs

From a single unit to a complete process pack, we are able to provide fully tested instruments and manifolds from several leading vendors cost effectively. You can be assured that every instrument we supply has been tested and integrated to your meter panel so there is no trial and error on your part. Instruments include Pressure, Multivariable, Vortex, Turbine and others.

### Solar Power Systems

Complete Solar Power systems are available to supply uninterrupted power to your instruments, control panel and communication system. These systems come with a solar panel mounting frame and bird spikes, industrial battery enclosure, power regulator and wiring harness. Other power capacity options available. Designed to typically supply 7-10 days of not sun.

### Battery Back-up

When your site is Mains or has "high availability" generated power, only a temporary backup battery system may be required to keep your instruments powered. As a standard configuration we provide 65A/H at 24VDC providing up to several days of essential backup. Additional backup is also available.

### Variable Speed Drive (VSD) Switchboards

We supply several different models and brands of VSD panels from 50KW to 75KW, low harmonic or standard drive versions.

### Fabricated Skids

We can apply our standard skid design or build a custom skid to your project requirement. Our standard skid includes a 3Mx0.6M galvanised frame from the control panel and battery enclosure and a galvanised pole up to 4m long for antenna and solar panel frame mounting.



# UNPRECEDENTED FLEXIBILITY IN CONTROL PANEL DESIGN & DEPLOYMENT

**Can manage several  
Power Sources**



**Works to any  
SCADA system**  
(uses common  
industry protocols)



**Includes complex  
control functionality**  
(such as a pump controller,  
flow computations for  
multiple runs, sequencing for  
CSG well head management)



**Delivery Options**  
(Packaged by Site (crated),  
Quality documentation. Full  
Automated Testing, etc.)



**Communications Options**  
(VHF, UHF, 900MHz, 2G, 3G)



**IO Expansion Options**  
(standard IO, mixed and analogue)



**Fully Wired for Future Requirements**  
(Disconnects, Hart Test Points,  
Unused IO Wired, Fusing and IS Barriers)



**Integrated Operator Panel**  
(full graphic touch)



**Power Supply Options**  
(mains, generator, turbine etc  
with power management)



**Solar Power System Options**  
(Online systems for up to  
10 days no sun)



**Back Up Power Options**  
(Ranging from 1 day to several)



**VSD Interface Options**  
(Communicates and Manages several  
popular VSD types)



**Variable Speed Drive Switchboards**  
(55KW-75KW, various models and Design  
Options)



**Instrument Options**  
(flow meters, pressure, etc)



**Skids & Mounting Frames**  
(Control Panel Skids & Solar Frames)

START

[www.parasyn.com.au](http://www.parasyn.com.au)