

# DAQMASTER<sup>®</sup>

## Data Acquisition Unit **MW100**

**NEW**

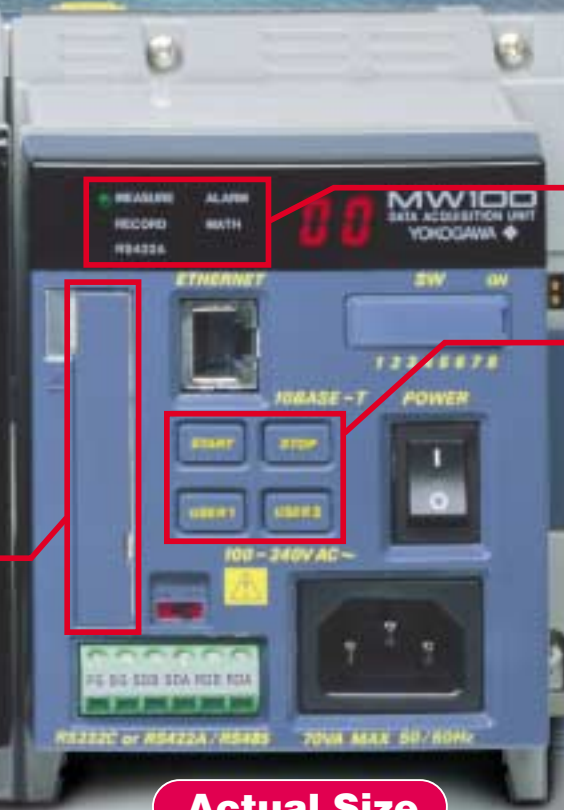
10ch/10ms or 60ch/100ms  
 Configure and Monitor using Internet Explorer  
 Compatible with all MX100 I/O Modules  
 Dual Speed Recording

Status Display gives instant Feedback on the MW's condition

- Start/Stop keys for recording
- Two user configurable keys for Starting/Stopping Math, writing messages, etc.

Compact Flash ▲  
**2GB**  
 Approx. 10days Continuous Data Backup available on 60ch / 100ms

Recorded data is saved onto CF (Compact Flash) Card



**Actual Size**

Web Browser Example

### Stand-Alone Data Acquisition Applications

**PC-less**

For Data Acquisition during Equipment Start-Up

MW100 takes care of test run data!

MW100 can do stand-alone data acquisition without PC

**DC Power Supply**

For Vehicle testing

12V to 28V DC, AC adaptor available!

**Error trap**

Data Acquisition for mechanical equipment maintenance

Catch the data before and after the trigger by Pre-trigger function!

Save data perfectly for me during holidays!

### Network measurement from remote places

**FTP E-mail**

For Remote Data Acquisition

Remote measurement can be possible via FTP/E-mail function! Equipped for use under harsh conditions from -20°C to 60°C (-20°C to 50°C for Output module)

**Remote Monitoring and Control**

For Data Acquisition of Product Development & Evaluation

Through web browser, Configuration, Start/Stop Recording and Monitoring can be done! DHCP brings IP address auto assignment!

**Multi-Channel Capability (Max. 360ch!)**

For Multipoint Data Acquisition

Up to 360ch data acquisition available! (MATH option required on Master unit)

**Screw Terminals!**

Screw terminal plates will be provided as accessories. (Screw size:M3)

b terminal for RTD

"Screw terminal plates" will be released with MW100. (For RTD measurement, b terminal will be common.) The plates are also available for MX100.

**Full lineup**

**MX100 for real time recording with PC!**

**For sale!**

**Focusing on maximum performance!**

- High-Speed Max. 10ms
- Multi-Channel Capability Max. 1200ch
- High withstand Voltage Reinforced insulation between the input terminal and the case handles 3700 Vrms for one minute, or 600Vrms/VDC continuous.
- Multi-Interval Measurement

Digital Indicating Controller  
**UT551**



- 8 types of control function including cascade control
- Ethernet Port
- Active Color Display

Digital Indicating Controller  
**UT351**



- Auto/ Manual control mode
- Ethernet Port
- Active Color Display

## Convenience

### Active Color PV Display:

The PV display automatically switched between green and red based upon process conditions.

### Status Indication:

Indicates alarm status, control modes and target setpoint numbers.

### Light Loader interface

Optical communication port for parameter setting with personal computer.

### Operation keys

## Ethernet Communication

### Large LED Display

### Measured value (PV) display

### Setpoint display

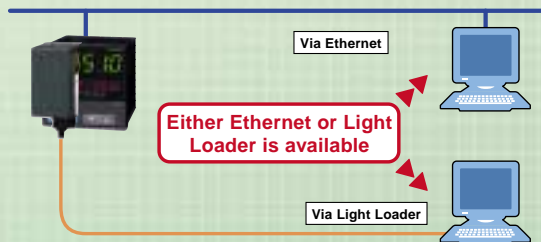
### Direct Connection to Ethernet

Just plug in and set up communications network.

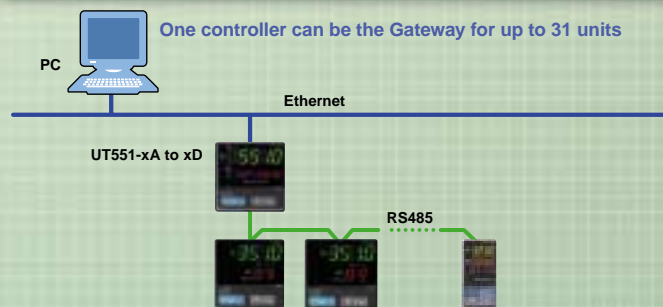


## Setting and Adjustment

Light Loader - Allows Simple Configuration and Tuning via Ethernet

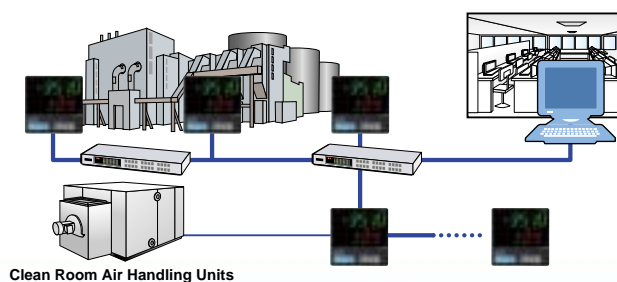


## Gateway Functions



## UT351/Ethernet Semiconductor Process

Point: Establish a plant wide control network simply



## Temperature control of distillation column

Point: Remote maintenance with Light Loader (Parameter setting Tool)

