MXD 73/75

Multi-function Analyser

Measuring: Temperature / pH / ORP(Redox) / Conductivity / Salinity / TDS / Dissolved Oxygen / Turbidity / Suspended Solids (TSS)

The innovative MXD70 series of process instruments brings a new dimension to analytical process measurements with the modular design to meet ever changing process requirements.

- MXD73 Compact 96 DIN IP66 Panel mount option
- MXD75 IP66 Surface / Pipe mount version
- $3^{3/4}$" QVGA Backlit LCD display provides clear indication as single or multiple measurements
- Parameters include: Contacting and Electrodeless Conductivity, pH / Redox or Dissolved Oxygen measurement, Salinity/ TDS/Turbidity/TSS
- Up to 3 measured parameters with temperature readings can be displayed together
- Accurate at zero DO
- User selectable bar graph display option
- Plug and play card detection for simple measurement and output expansion upgrades
- SD card interface allows trouble free saving of configuration and simplifies software updates
- Base models include 2 relay outputs and a single isolated 4-20mA current output
- Can be expanded up to 6 relay outputs and 6 isolated 4-20mA current outputs
- Relays are fully configurable including on/off, time or pulse proportional operation
- 8 Independent programmable digital inputs with user selectable operations
- Dedicated error page provides up to date controller status
- 85-265v or 18-32v Supply options (AC or DC)
- SD Card data logging
- Three separate live trend screens
- Add to existing MXD70 series controllers

MXD70 Series

	MXD73	MXD75
Input Expansion Slots	3 slots, user configurable with any combination of available input add-in cards.	3 slots, user configurable with any combination of available input add-in cards.
Output Expansion Slots	1 slot, user configurable with an additional output option add-in card.	1 slot, user configurable with an additional output option add-in card.
Operating Temperature	-20°C to +50°C	-20°C to +50°C
Current Output Adjustment	±0.01mA, 3 point 0/4-20 mA for remote monitor calibration.	±0.01mA, 3 point 0/4-20 mA for remote monitor calibration.
Buttons	$3^{3/4}$" QVGA back lit LCD module.	$3^{3/4}$" QVGA back lit LCD module.
SD Card Interface	Enables backing up and restoring of instrument configuration, logging of the sensor readings and instrument status (optional extra) and on-site upgrading of instrument software. SD, SDHC and SDXC-FAT32 cards supported	Enables backing up and restoring of instrument configuration, logging of the sensor readings and instrument status (optional extra) and on-site upgrading of instrument software. SD, SDHC and SDXC-FAT32 cards supported
Low Voltage Directive	2006/95/EC using BS EN 61010-1: 2010	2006/95/EC using BS EN 61010-1: 2010
Instrument Housing	UL 94-V0 PC/ABS	UL 94-V0 PC/ABS
Weight	880g	2.7kg
Dimensions	Front - 128 x 116 x 23 mm (H, W, D) Rear - 89 x 89 x 161 mm (H, W, D)	331 x 242 x 110 mm (H, W, D)

Hundreds of installations in Australia!