



# On-line Moisture Display System (MDS)

- Serves as a controller and operator interface for the FT-11 and FP-21C Sensors
- Can control two sensors
- Continuously displays product ID, moisture content, alarm status and temperature
- May be calibrated for six separate particulates and/or powder materials
- Has adjustable gain and offset
- Provides high/low alarms for both moisture content and temperature
- Can be integrated into a process control system with optional analog output board to transmit sensor data to a computer or PLC
- Records average moisture content and total processing time for each product monitored



## Specifications

### Components

LCD display, 16 key keypad, MDS board with integrated power supply, two relays and signal conditioning for the FT-11 and FP-21C Moisture Sensors

### Measurement Accuracy

Temperature	$\pm 1$ °F
Moisture (typical)	$\pm 0.25\%$

### Options

Analog output board	0 to 5V DC & 4 to 20 mA
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### Operational Temperatures

Ambient	-40 °F to 120 °F
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### Electrical Power

Required	120V AC standard 240V AC optional
Consumption	9 Watts