

# MCT 330SF

Stainless Steel NIR Moisture Gauge  
for the Food Industry

PROCESS SENSORS  
CORPORATION 

# MCT 330SF **Stainless Steel NIR Moisture Gauge**

## FEATURES

- Robust Stainless Steel Enclosure
- Reliable operation in high temperature locations
- Wash Down
- Measures moisture, oil and product temperature
- Food Grade Optical Window

## SPECIFICATIONS: MCT 330SF Moisture Gauge

Measured NIR Constituents: Moisture, Oil, Temperature  
 Measurement Technique: NIR Reflection  
 Moisture Gauge/Product Distance: 6-16 inches (150-400mm)  
 Calibration Codes: 10  
 Response Time: 1-99 seconds. Damping, Integration and Gated.  
 Power: 15vdc from Operator Interface  
 Weight: 43 lbs. (19.5 Kg)  
 Operating Temperature: 0-65°C to 80°C with Vortex cooler.  
 Enclosure: 316 L3A Stainless Steel

## SPECIFICATIONS: Operator Interface

Display: Touch Screen LCD  
 Weight: 7 lbs. (3.5 Kg)  
 Outputs: 4-20 mA or 0-10V, RS-232/485  
 Power: 110/220 volts, 24vdc Optional  
 Cable: 10 ft (3 meters) standard, maximum 100 ft (30 meters)  
 Keypad: Access to product codes, calibration routines, diagnostics  
 Enclosure: Stainless Steel



Food Grade  
Operator Interface

## Options and Accessories:

Gauge Window Material: Kefl or Sapphire  
 Cooling: Vortex Air Cooler

## Maintenance:

Warranty: 2 years  
 Routine Cleaning: During scheduled plant maintenance  
 Calibration: Once per year  
 Calibration Confirmation: Calibration Check Standards

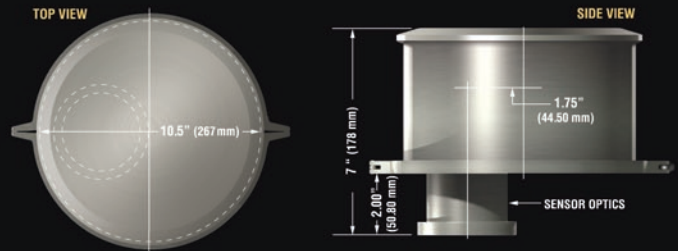
## CE Compliance:

EMC directives EN50081-1 & EN5008-2, EN61010-1

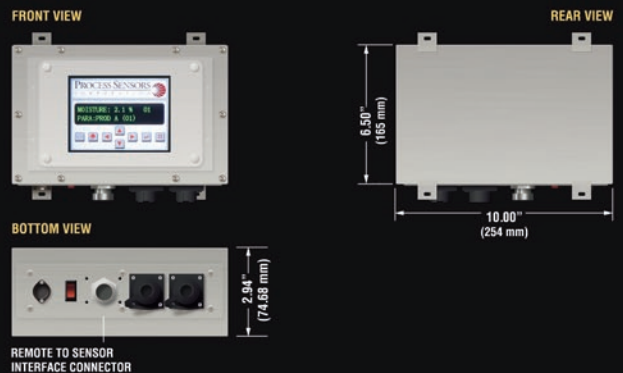
## Data Bus & Software Interfaces:

Optional Interfaces: Ethernet, DeviceNet, Modbus, Profibus  
 Software: Windows based PSC Viewer Software or OPC-DDE Server

## DIMENSIONS: MCT 330SF Moisture Gauge



## DIMENSIONS: Touch Screen Operator Interface



For more information on Process Sensors instruments and accessories, visit our website at: [www.processsensors.com](http://www.processsensors.com)

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