

ThermoFlow™ Analyzer

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The RotoFlow™ Analyzer is a hand-held, flow-measuring instrument used with StackFlow™, StackValve™, StackController™ and RotoFlow™ products.

The unit measures and displays temperature, flow and BTU to determine actual heat exchange in a mold or heat exchanger.

Flow Sensors

The infrared flow sensor responds to each pass of the rotary turbine blade. Each flow turbine assembly can be calibrated to its flow rate. The turbine assembly has inherent linear behavior and requires no linearization for an accurate reading.

The temperature input is a single or dual thermocouple (Tc1 and Tc2).

Features

Additional features such as maximum and minimum flow, cumulative flow, and high or low flow alarms can be displayed. The measured values can be displayed in either English or Metric units. All selections and calibrations are done digitally on the keyboard.

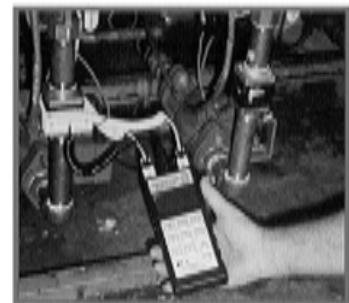
For monitoring purposes or data logging we provide an AC power converter and a 0 to 5 volt data output connection cable.

ThermoFlow™ Analyzer

- Flow Measurement (GPM/LPM)
- Temperature Measurement (°Fahrenheit / °Celsius)
- Calculations (BTU/Kilojoules)



For flow measurement only clip flow sensor on RotoFlow™.



To measure BTU's, clip flow sensor connector Tc1 to in going and Tc2 to out going line. Read flow, temperature and BTU's on display.

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24 Hour Service - 7 Days a week
1-800-809-4623
 WebSite: www.molderschoice.com • Email: modlers@molderschoice.com

ThermoFlow™ Analyzer

ThermoFlow™ Analyzer Specifications

Power: 9 VDC alkaline battery
 Current Draw: 30 mA

Battery life: Approximately 10 hours
 Auto turnoff after 3 minutes (can be disabled)
 Low Battery Indication (below 6 VDC)
 Optional 120/9 Volt AC converter

Display Accuracy: ± 1 digit
 Display Repeatability: ± 1 digit
 Display Units: English or Metric (GPM/LPM
 BTU's/Kilojoules, °F / °C)

Display Resolution: 3 Blade Turbine: .01 Gallon, .01 Liter
 6 Blade Turbine: .01 Gallon, .01 Liter

Temp. Resolution: .1 Degree Fahrenheit

Turbine Select: 3 Blade High, 3 Blade Low, 6 Blade Low

Cumulative Flow: .1 to 144 hours

Time Units: .1 hour (6 minutes)

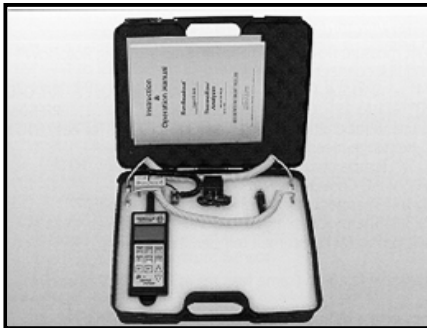
Analog Output: 0 to 5 VDC, 2 mA

Flow Input Sensor Specifications

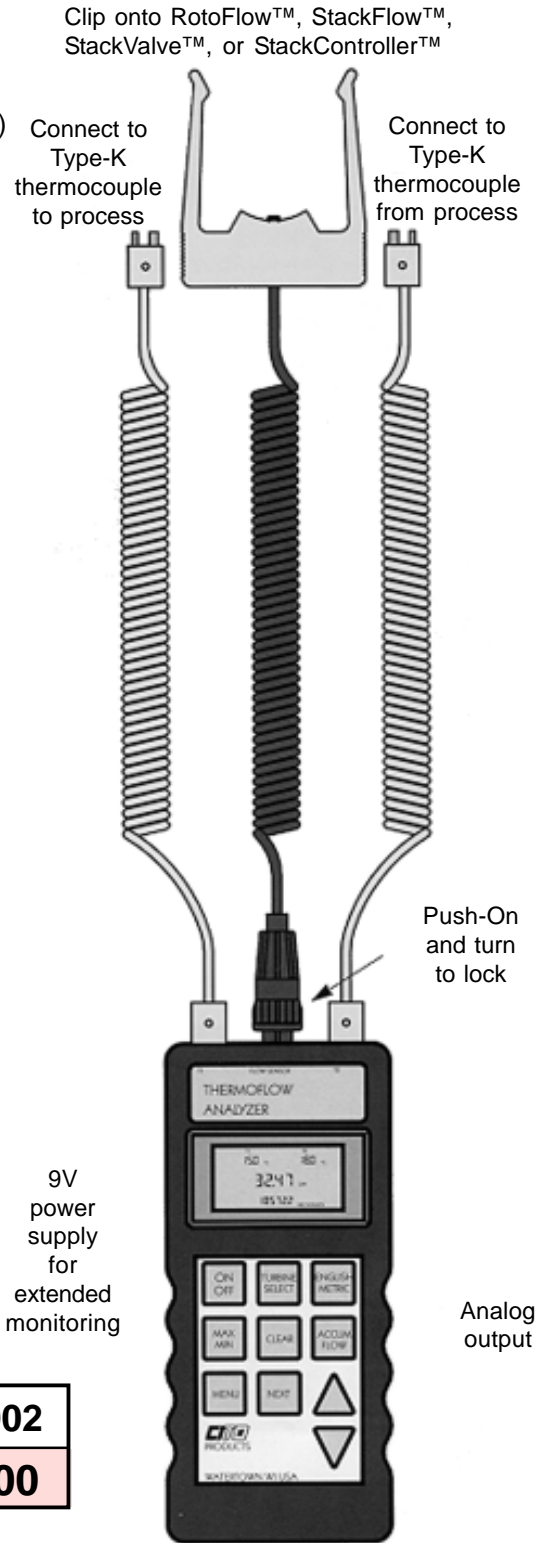
Pick Up Type: Infrared
 Infrared Tuning: Automatic, Self Adjusting
 Input Sample Rate: Once per 200ms
 Display Update: 1 per second
 Pickup Status: No pickup: Blank display (--)
 Note: Exposure to ambient light will give erroneous readings

Temperature Inputs Specifications

Sensor Type: Type-K Thermocouple
 Temperature Range: 32°F to 999.9°F, 0°C to 537°C
 Input Sample Rate: Once per 200 ms
 Display Update: Once per second
 Probe Offset: Field adjustable
 Probe Status: Continuously monitored
 No Probe: Blank display (--)
 Probe Error: Center segment will light



Pictured is ThermoFlow™ Analyzer basic kit #FKA-2002



Part # FKA2002
Price \$915.00



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