

FlowReadout™

FlowReadout™

- Accurate Flow Measurement
- Gallons Per Minute (GPM) or
Liter Per Minute (LPM)



FlowReadout™

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

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.

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.



Clip the flow sensor onto the turbine window.



Read your flow rate.

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24 Hour Service - 7 Days a week

1-800-809-4623

WebSite: www.molderschoice.com • Email: molders@molderschoice.com

FlowReadout™

FlowReadout™ Specifications

Power:	9 VDC alkaline battery
	Current Draw: 30 mA
Battery life:	Approximately 10 hours
	Auto turn off after 3 minutes (can be disabled)
	Low Battery Indication (below 6VDC)
Display Accuracy:	± 1 digit
Display Repeatability:	± 1 digit
Display Units:	English or Metric
Display Select:	3 Blade Turbine: .01 Gallon, .01Liter
	6 Blade Turbine: .01 Gallon, .01 Liter
Turbine Select:	3 Blade High
	3 Blade Low
	6 Blade Low
Cumulative Flow:	.1 to 144 hours
Time Units:	.1 hour (6 minutes)

Flow Input Sensor Specifications

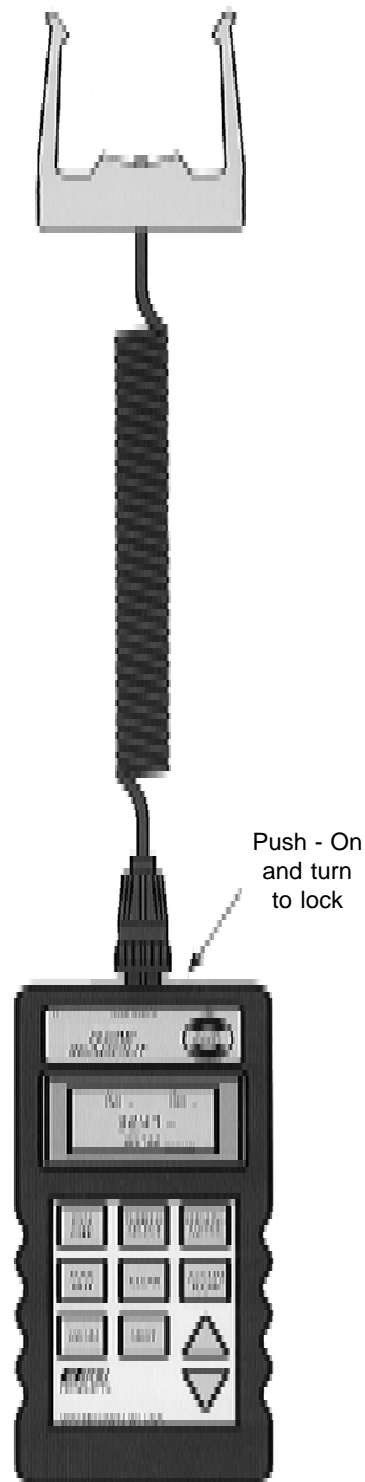
Pick Up Type:	Infrared
Infrared Tuning:	Automatic, Self Adjusting
Input Sample Rate:	Once per 200ms
Display Update:	1 per second
Pick Up Status:	No pick up: Blank display (--)



Part # **FKR2002**

Price **\$610.00**

Clip onto RotoFlow™, StackFlow™, StackValve™, or StackController™



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ThermoFlow™ Analyzer

ThermoFlow™ Analyzer

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.

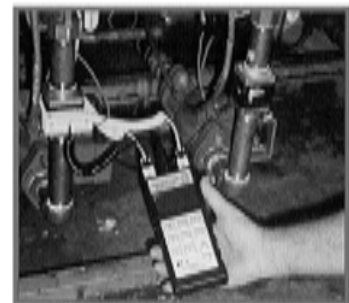
For monitoring purposes or data logging we provide an AC power converter and a 0 to 5 volt data output connection cable.

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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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

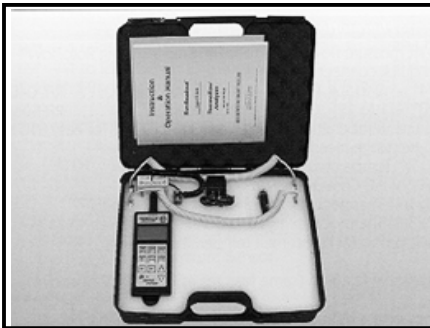
Display Update: Once per second

Probe Offset: Field adjustable

Probe Status: Continuously monitored

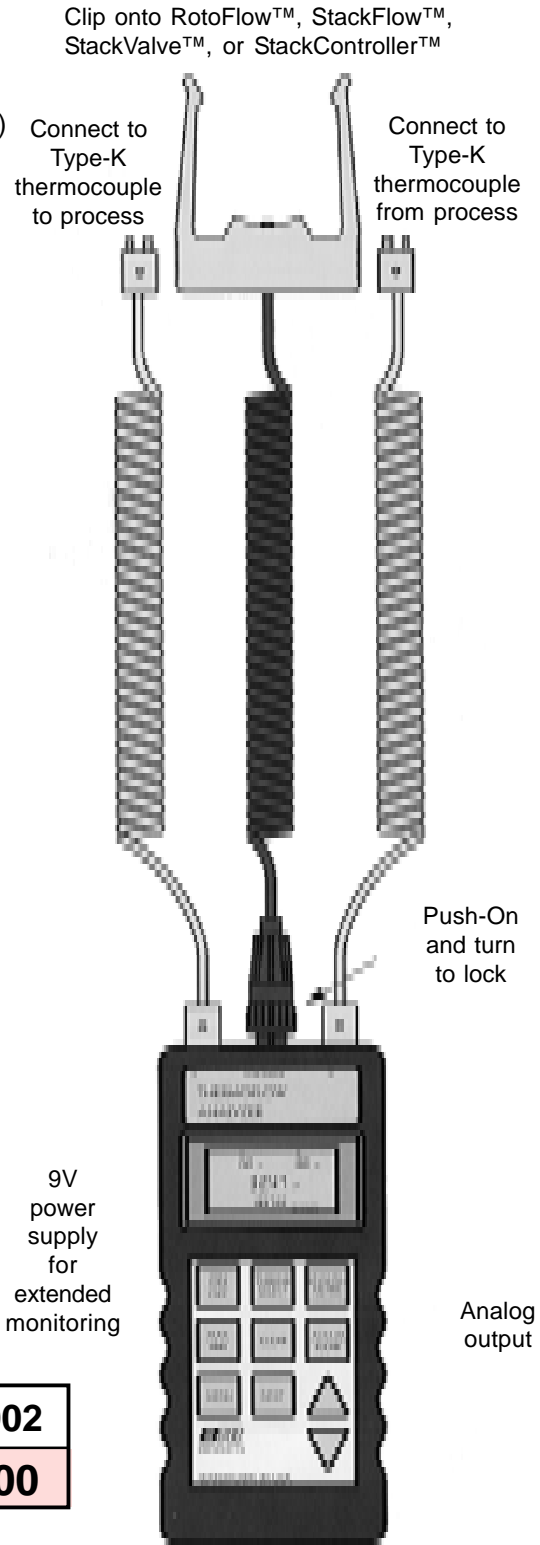
No Probe: Blank display (--)

Probe Error: Center segment will light



Part #	FKA2002
Price	\$915.00

Pictured is ThermoFlow™ Analyzer basic kit #FKA-2002



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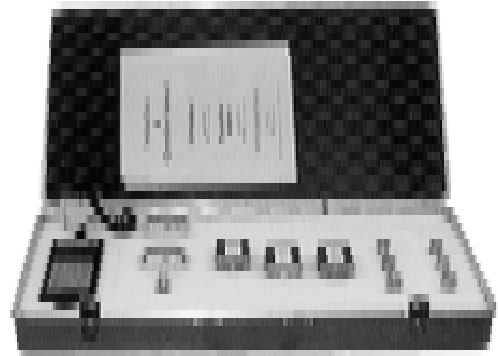
Flow Kits

FlowReadout™ Kit # **FKR-3302** \$1140.00

Easy to use hand held FlowReadout™ in a kit. Measure flow in the following ranges :

- 1/4" NPT, .5 to 5.2 GPM RotoFlow™ RFL-0404
- 3/8" NPT, 1 to 12 GPM RotoFlow™ RFH-0606
- 1/2" NPT, 1 to 22 GPM RotoFlow™ RFH-0808

Bottom and Back-Mount Pressure Gauge: 0 to 100 PSI.
Operational Features: (same features as kit #FKR-2212
Comes with Instruction and Operation Manual in a handy carrying and storage case. Ready to use.



ThermoFlow™ Analyzer Kit # **FKA-3302** \$1660.00

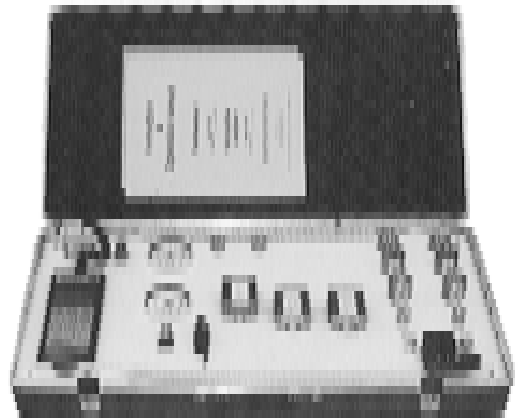
This kit measures flow and temperature in the following ranges:

- 1/4" NPT, .5 to 5.2 GPM RotoFlow™ RFL-0404
- 3/8" NPT, 1 to 12 GPM RotoFlow™ RFH-0606
- 1/2" NPT, 1 to 22 GPM RotoFlow™ RFH-0808

Bottom and Back-Mount Pressure Gauge: 0 to 100 PSI.
Measures temperature ranging from 32° to 999°F for easy BTU or heat-exchange measurements using:

- Two 1/4", Two 3/8" and Two 1/2" Thermocouples
- 3/8" M - 1/4" F and Two 1/2" Quick Adapters
- Two Type-K Temperature Sensor Cables
- 120/9V AC Converter and Data Output Cables

Operational features: (same feature as kit # FKR-2212 above)
Comes with Instruction and Operation Manual in a handy carrying and storage case. Ready to use.



ThermoFlow™ Analyzer Kit # **FKA-3312** \$2260.00

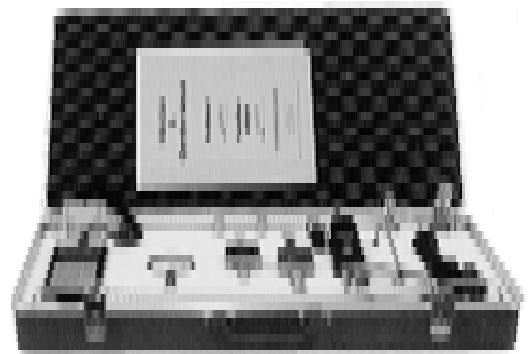
This kit measures flow in the following ranges using RotoFlow™ with quick connect couplings.

- 1/4" NPT, .5 to 5.2 GPM RotoFlow™ RFL-0404
- 3/8" NPT, 1 to 12 GPM RotoFlow™ RFH-0606
- 1/2" NPT, 1 to 22 GPM RotoFlow™ RFH-0808

Bottom and Back-Mount Pressure Gauge: 0 to 100 PSI.
Measures temperature ranging from 32° to 999°F for easy BTU or heat-exchange measurements using:

- Two 1/4", Two 3/8" and Two 1/2" Thermocouples
- 3/8" M - 1/4" F and Two 1/2" Quick Adapters
- Two Type-K Temperature Sensor Cables
- 120/9V AC Converter and Data Output Cables
- Melt Probe for direct, melt-temperature sensing
- Infrared Surface Temperature Sensor

Operational features: (same feature as kit # FKR-2212 above)
Comes with Instruction and Operation Manual in a handy carrying and storage case. Ready to use.



Other Kits available. . .Inquire

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