



FLOW



# Thermal Mass Flowmeter

## Tek-Thermal 1700B

### 1 FEATURES

- Dual line LCD display with 3 setting button
- Wide Turndown ratio 100:1
- No pressure loss and it can be used on pipes from 1" to 20"
- Measure mass flow and standard flow directly
- It has self diagnostic function
- It has high accuracy data acquisition circuit
- High effective design of power supply
- It can be installed/removed without stopping process
- Cost-effective model

### 3 APPLICATIONS

- Dairy plants
- Oil and Gas
- Process industry
- Chemical
- Food and Pharma

### CONTACT US

📍 796 Tek Drive, Crystal Lake, IL 60014 USA

☎ +1 847 857 6076

✉ Email: [tektrol@tek-trol.com](mailto:tektrol@tek-trol.com)

🌐 [www.tek-trol.com](http://www.tek-trol.com)

### 2 SPECIFICATION

Media capability	Air, Nitrogen (N <sub>2</sub> )
Pipe diameter	1" to 20"
Flow velocity range	0.98 to 98 ft/sec or 1.9 to 196 ft/sec or 2.9 to 295 ft/sec
Accuracy	±0.5% FS
Maximum Pressure	232 PSI
Temperature of medium	-40 °F to 302 °F (-40 °C to 150 °C)
Power supply	13.5 to 42 VDC
Response time	1 second
Output	Pulse and 4-20 mA
Communication	RS485 or HART
Display Indication	Mass flow, Volume flow in normal condition, Total flow, Temperature of medium, Velocity
Ingress Protection	IP65