



FLOW



# Thermal Mass Flow Meter

## 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

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### 2 SPECIFICATION

Media capability	Air, Nitrogen (N <sub>2</sub> )
Pipe diameter	1" to 20"
Flow velocity range	2 to 200 ft/sec or 1 to 100 ft/sec or 3 to 300 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 or 85 to 265 VAC
Response time	1 second
Output	4 to 20mA and Pulse standard
Communication	Modbus RS485 or HART optional
Display Indication	Mass flow, Volume flow in normal condition, Total flow, Temperature of medium, Velocity
Ingress Protection	IP65