

# COMPU-FLOW™ C6PM/CLTV6.4HPC ULTRASONIC DOPPLER FLOW METER SYSTEM



## COMPU-FLOW™

[www.compuflow.com](http://www.compuflow.com)

1-800-649-5331





**TECHNICAL SPEC: COMPU-FLOW™  
ULTRASONIC DOPPLER FLOW METER SYSTEM**

**Model: C6PM/CLTV6.4HPC**

For fluid flow with particulate, Doppler measurement has been around since the 1800's. The latest Doppler Flow Meters use smart computer technology to enhance and capture accurate flow measurement.

**Operation Principle:**

The Compu-Flow™ Doppler Ultrasonic Flow Meter measures flow velocity by sensing signals from reflective materials within a liquid flowing in the pipe.

**Signal Output:**

Digital Pulse Train (0-12V)  
4-20mA (MAX  $\geq 1200$  ohm) RS232 via DB9 Port  
Hi-Low Limit Alarms \* Batch Control \*  
\*(12VDC @50mA)

**Power:**

Isolated-Regulated-Module  
90-240 VAC/12VDC@300mA

**Flow Range:**

FPS: 0-50 fps/ 15 mps  
Resolution .1 fps, 0.03 mps

**Pipe ID Range:**

0 - 999 Inches  
0 - 9999 mm

**Transducer:**

POWER: 12VDC- @ 0.5 watt/ 40mA  
Submersible 200' Max  
Potted IP68 Non- Metallic  
Temp (-70°F to +185°F)  
500°F - Heat Sink Option

**Totalizer:**

12 Digit LCD  
Memory Backup 99 yrs +

**Memory:**

Nonvolatile 99 yrs + all parameter inputs

**Cable Length:**

0 to 5000 ft.  
25 ft. standard



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