



## COMPU-FLOW™ FLOW SYSTEMS UNIVERSAL FLOW COMPUTER

Top of the line "Full Function" 32 character dual line Alphanumeric LCD SMART display. On screen "Easy Prompting and Key Pad entry makes all programming "Effortless." Built in Microcomputer gives instantaneous readouts in velocity, rate, and totalization in virtually all engineering units.



# COMPU-FLOW MODEL C6

## SPECIFICATIONS:

### POWER:

Isolated-Regulated-Module  
100-240 VAC @300mA-12VDC

### OUTPUTS:

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

### FLOW RANGE:

FPS: 0-50 fps  
Resolution .1 fps

### PIPE ID RANGE:

0 - 999 Inches  
0 - 9999 mm

### ACCURACY:

1% (function of flow profile)

### LINEARITY:

+/- 0.5%

### REPEATABILITY:

+/- 0.1%



Hi-Temp (500°F) industrial flow requires custom heat sinks. Titanium pipe and titanium heat sink with doppler sensor installed. (Example below.)



**DISPLAY:**

NEMA - 4X hinged IP64  
(+4°F to + 140°F)

**DIMENSIONS:**

7.75 X 4.25 X 2.50 inch

**WEIGHT:**

4 lbs. -C6D System  
8 lbs. -C6P System

**LED INDICATORS:**

Green - Power  
Yellow - Echo  
Red - Hi/Low Alarm

**TRANSDUCER:**

POWER: 12VDC- @1 watt/ 80mA  
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 +

**RATE METER:**

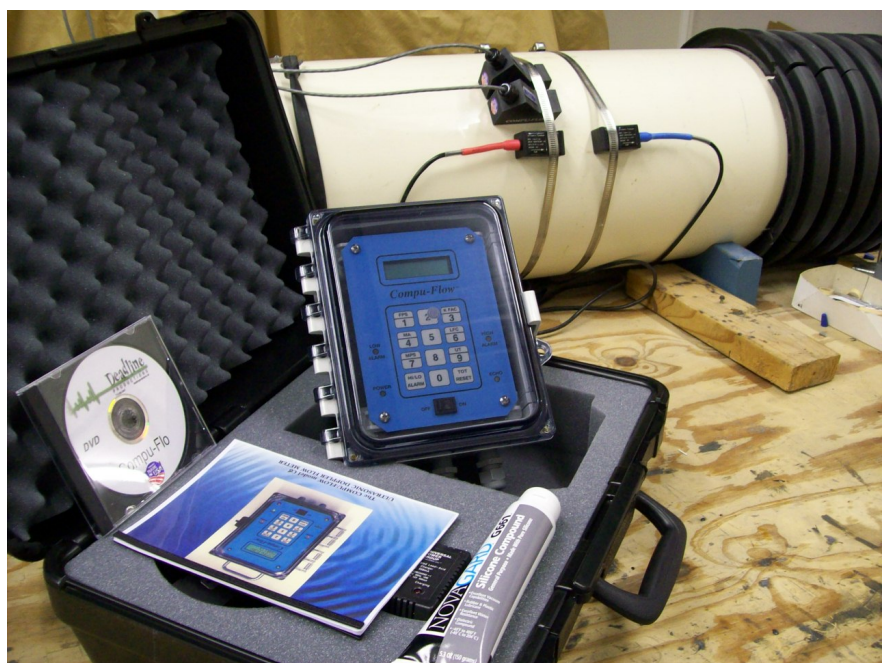
4 Digit LCD  
Digital Bar Graph

**MEMORY:**

Nonvolatile 99 yrs +  
All Parameter Inputs

**CABLE LENGTH:**

0 to 5000 ft.  
25 ft. standard



**OPTIONS:**

Wireless Signal 900 mHz  
Data Logger 1- 32 GB  
Flash Drive Internal or Remote

**ENGINEERING UNITS:**

English & Metric

**LANGUAGES:**

- English
- French
- Spanish
- Portuguese

**INCLUDED EQUIPMENT:**

**DEDICATED:**

1. NEMA 4X display
2. Transducer & 25' cable
3. Sensor Strap Kit
4. Sonic Coupling Gel
5. Operators Manual

**PORTABLE:**

1. All of the above plus:
2. 12V 1.2AH Battery
3. 117 VAC Smart Charger
4. Auxiliary Handle
5. Field Transport Case



**APPLICATIONS:**

COMPU-FLOW Flowmeters easily measure these materials flowing inside of PipeLines or in Open Channels:

- Ag Water
- Abrasives
- Acids
- Asphalts
- Caustics
- Chemicals
- Concrete
- Dredge Flows
- Drilling Mud
- Large Contaminates
- Extremely Viscous Substances
- Food Processing's
- Grout
- Hazardous Wastes
- Hydrocarbons
- Liquids
- Municipal Sludges/Wastes
- Oils
- Paper Pulp
- Product Processing
- Plastics
- Rendering Products
- Reservoirs
- Rivers and Streams
- Runoffs
- Sludges
- Slurries
- Suspended Solids
- Tars
- And More!

Note:  
Compu-Flow™ reserves the right to make changes without notice....  
10.01.09  
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