



Proven Performance  
for Over 50 Years

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# COX 4050 Programmable Flow Computer

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## ADVANTAGES

- Monitor up to three independent flow sensors
- Provide automatic switching for manifold applications
- Select mass or flow rate display via unique hand-held remote or front panel key pad
- Provides temperature compensation with RTD Input
- Offers RS485 communications port for PC interface
- User friendly data entry and set-up
- Program or reprogram calibration data and unit set-up via the RS485 Interface

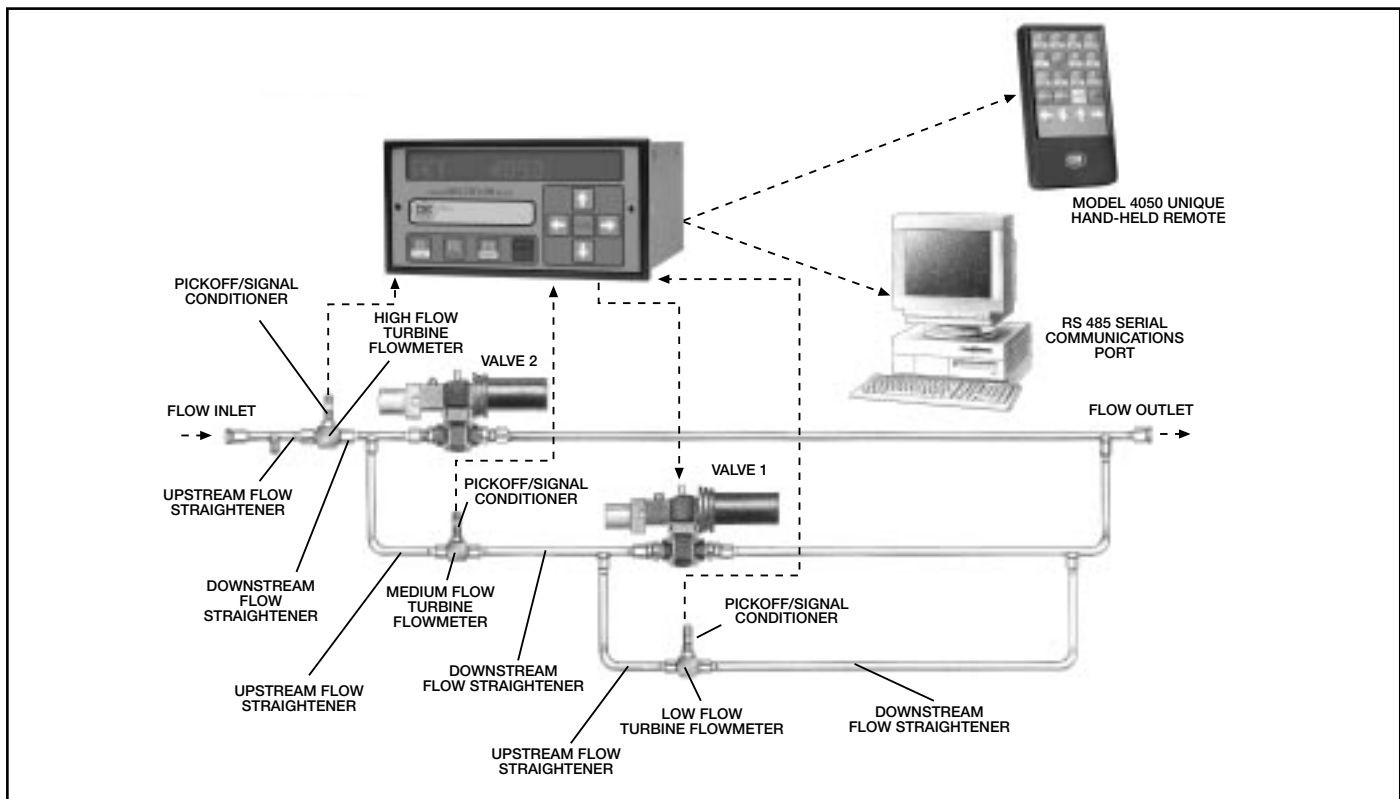
## COX 4050 APPLICATIONS

Users who need to manifold up to three turbine meters for flow ranges to 30,000:1 such as:

- Engine test cell  
Applications monitoring:  
Fuel consumption  
Inventory management  
Coolant flow rates
- Hydraulic power components performance  
Testing applications monitoring:  
Power steering systems  
Precision control valves  
Hydraulic motors



# COX 4050 Programmable Flow Computer



## USERS WHO NEED TO:

- Replace COX 8500 and 8550 modular electronics systems
- Replace COX Series 12 glass tube variable area meters and who want to create a new system offering the benefits of:
  - ✓ More flexibility to reprogram if flow conditions change
  - ✓ Ability to interface with other data acquisition systems
  - ✓ Much lower cost

## COX 4050 SPECIFICATIONS

### Information display

- Large alphanumeric—exceptionally wide viewing angle
- Configure units of measurement to suit application (GPM, PPH, etc.)
- Red LED dot matrix (152 mm wide x 18 mm high) (5.98 in wide x 0.71 in high)
- Six characters for rate and frequency; 8 characters for total

## DATA ENTRY

- Calibration data entered via hand-held infrared keyboard
- Passcode protected
- Can inhibit one keyboard reception if two units are side by side

## INPUTS

- Maximum of three voltage pulse frequency inputs
- Frequency range 0.5 Hz to 20 kHz
- Programmable frequency and flow rate cutoffs

## REGULATED OUTPUT:

24 VDC

## DIMENSIONS

Panel mounted steel double DIN enclosure, 192 mm wide x 96 mm high x 210 mm deep (7.56 in wide x 3.78 in high x 8.27 in deep). Panel cut out size 186 mm wide x 92 mm high (7.32 in wide x 3.62 in high) (+1.0 mm/-0.0 mm)

## POWER REQUIREMENTS

220 to 240 VAC 50/60 Hz or 110 to 120 VAC 50/60 Hz



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For more information, contact COX Instruments or your local COX Instruments representative.

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