

Fuji FSC-4 Portable Ultrasonic Flow Meter



Description

The **FUJI FSC-4, PortaFlow-C** handheld Clamp-on Ultrasonic Transit-Time Flowmeter installs in seconds on most pipe materials. Recommended for full-pipe clean liquids applications: Typical Examples are water, well water, chilled water, hot water, city water, cooling tower water, deionized water, sea water and acids. Ideal and technician's maintenance tool, flow studies and surveys.

Complete Kits – Customized - Parts

Everything you need in a complete kit. Or if you prefer, select a customized system is listed below.

| Part Number | Purchase-Complete Kits | Price |
|----------------------|---|---------|
| FSC4-KIT-S | Flow Meter, Transducer 0.5" to 4" Pipe Sizes | \$7,688 |
| FSC4-KIT-M | Flow Meter, Transducer 2" to 48" Pipe Sizes | \$7,688 |
| FSC4-KIT-SM | Flow Meter, both Transducers 0.5" to 48" Pipe Sizes | \$9,137 |
| Purchase-Options | | |
| FSCS10A3-00Y | Ultrasonic Meter – Only. Needs transducers. | \$6,239 |
| FSSD1CC1-YY | Pipe size 1/2" to 4" (2 MHz) | \$1,449 |
| FSSC1CC1-YY | Pipe size 2.0" to 48" (1 MHz) | \$1,449 |
| FSSE1DA1-YY [FSC] | Pipe size 8" to 235" (0.5 MHz) | \$2,949 |
| FSSH1AD1-YY | High Temp Pipe Size 2" to 16" | \$5,350 |
| FSC4-TEMP- KIT05 | Dual-Clamp-on RTD temp / energy kit. Req 120 VAC power | \$1,295 |
| Options - Parts | | |
| 704-671-HD-20 | 20' Heavy Duty Signal Cable. Other lengths avail. | \$ 345 |
| Model UTG | Ultrasonic Thickness gauge | Call |
| F-100-100 | Sonic Coupling compound | Call |
| Thermal Compound | BTU / RTD Thermal Compound | Call |

*Note, also available for Rental

SPECIFICATIONS:

METER - FSCS10A4-00Y

Enclosure.....IP64 (Without printer)
 Power:.....Self contained battery.
 Rechargeable / continuous
 operation use 120 VAC.
 (90 to 264 VAC 50/60Hz)
 Line cord included.
 LCD Display.....Flow Rate, Total, direction,
 Flow 6 digit LCD, waveform,
 programmable units English &
 metric.
 Data Entry.....Keypad
 Flow Range.....0.1 to 105 FPS. (Full Pipe)
 Output.....4-20mA, with connector.
 Data Logger..... Software & cable, SD card
 & USB Card Reader.
 Accuracy..... +/- 1% of rate >1 FPS
 < 1 FPS +/- 0.1 FPS
 Temp..... (Meter) 14^o to 131^o F

Transducers

Type.....Dual transducers, Clamp-On
 Signal Cable.....(STD) 16ft BNC to Lemo
 (Opt) heavy duty 704-671-HD-
 10, 20, 50 & 100 ft.
 Pipe Size..... **FSSD**, with rail 0.50" to 4",
 (13mm to 100mm) 2 MHz
FSSC, with rail* 2.0" to 48"
 (50mm to 1200mm) 1 MHz
FSSE, 8.0" to 235",
 (200 to 6000mm) 0.5 MHz
FSSH, with rail 2.0" to 16"
 (50mm to 400mm) 1 MHz
 Pipe materials.... Carbon steel, stainless steel,
 cast iron, copper, pvc,
 aluminum, ductile iron, pvdf
 and others. (Requires a full
 rigid pipe, plastic or metal.
 Mounting Kit..... Strap(s), Track & Sonic
 mounting compound.
 Temperature..... **FSSD**, -40^o F to 212^o F (-40^o F to 100^o C)
FSSC, -40^o F to 248^o F (-40^o F to 120^o C)
FSSE, -40^o F to 176^o F (-40^o F to 80^o C)
FSSH, -40^o F to 392^o F (-40^o F to 200^o C)

KITS.....Includes FSCS10A4-00Y,
 Transducer(s), hard carry case,
 power cable, data logger,
 cables, SD card & Reader,
 transducer mtg kit, manual
 calibration certificate

Data Sheet FSC4 r1.01.23

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