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|  | | Ultrasonic flowmeter model "PORTAFLOW-C" model FSC/FLD | | Coulton Price List September 2009 Edition | |
| Name: P. NOUHEN Visa:  | | Name: M.NARCHE Visa:  | |  Fuji Electric Instrumentation & Control | |
| EDITING | | APPROVAL | | DATE | |

Converter model : FSC

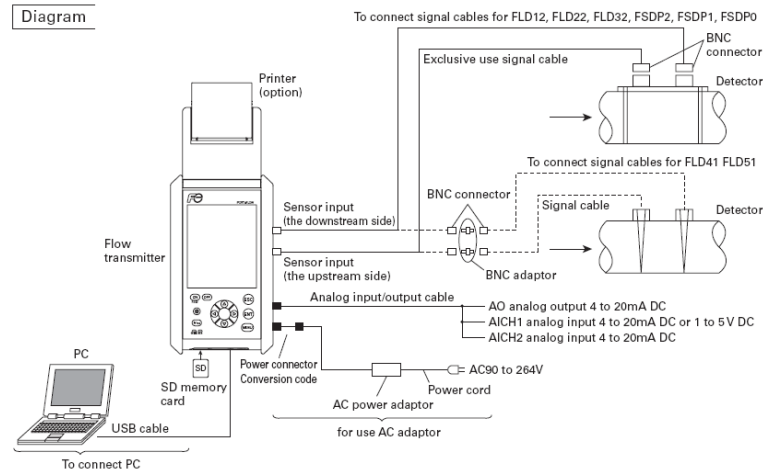
| DESCRIPTION | CODE | | | | | | | | | | | | | | | | Price £ |
|--|------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| MODEL CODE Portable ultrasonic flowmeter | F | S | C | S | | | | 1 | - | 0 | | | | | | | Base £4,941 £6,383 |
| TYPE Standard | | | | S | | | | | | | | | | | | | Add £0 £1,156 |
| CONVERTER Basic system Basic system + Printer | | | | | | 1 | | | | | | | | | | | Add £0 £25 £25 |
| FLOW VELOCITY PROFILE MEASUREMENT None Provided (note 1) | | | | | | | 0 | | | | | | | | | | Add £0 £1,156 |
| POWER ADAPTER AC power + power cord (Japan/USA use) AC power (90 to 264 Vac, 50/60 Hz) + power cord (european use) AC power + power cord (Chinese use) | | | | | | | | A | | | | | | | | | Add £0 £25 £25 |
| VERSION | | | | | | | | | | 1 | | | | | | | Add £0 £0 £74 |
| SD MEMORY CARD None Provided (256 MB) | | | | | | | | | | | | | | | | | Add £0 £0 £74 |

Note 1: Detector to measure flow velocity profile (model: FSD) is separately required.

Scope of supply : Basic system

- | | |
|------------------------------------|---|
| 1/ converter unit | 9/ Special type signal cable (5m x 2) |
| 2/ Power adaptor | 10/ BNC adaptor (x2) |
| 3/ Power connector conversion cord | 11/ CD-ROM (Instruction manual + PC loader PC software) |
| 4/ Power cord | <u>Printer (option)</u> <u>SD memory card (option)</u> |
| 5/ Analog I/O cord (1,5m) | 1/ Printer unit 1/ SD memory card (256MB) |
| 6/ USB cable (1m) | 2/ Roll paper (1 roll) |
| 7/ Carrying case | |
| 8/ Strap | |





Diagram



| DESCRIPTION | CODE | | | | | | | | | | | | | | | | Price £ |
|--|------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| KIND Detector for Portable ultrasonic flowmeter | F | L | D | | | | | Y | 1 | - | A | | | | | | Base £1,015 £1,082 £1,636 £2,795 £5,176 |
| Small sensor (standard - 50 to 400mm / 100°C max) | | | | | 1 | 2 | | | | | | | | | | | Add £0 £404 |
| Small diameter sensor (13 to 100mm / 100°C max) | | | | | 2 | 2 | | | | | | | | | | | |
| Middle Sensor (200 to 1200mm / 80°C max) | | | | | 4 | 1 | | | | | | | | | | | |
| Large sensor (200 to 6000mm / 80°C max) | | | | | 5 | 1 | | | | | | | | | | | |
| High temperature sensor (50 to 400mm / 200°C max) | | | | | 3 | 2 | | | | | | | | | | | |
| TERMINAL MOLD None Provided (Large sensor only) | | | | | | | 0 | | | | | | | | | | Add £0 £404 |
| STRUCTURE General use (for FSC) | | | | | | | | | | Y | 1 | | | | | | Add £0 |
| COAXIAL CABLE 5m | | | | | | | | | | | | | | | | | Add £0 |

Notes: Use the optional guide rail, if a pipe that does not allow ultrasonic waves to pass through easily, such as when an old pipe, cast iron pipe or a pipe with mortar lining is used, or the flow or liquid high in turbidity is measured. Employ the Z method for mounting.
 Applicable diameter range: V method: φ50 to φ250
 Z method: φ150 to φ400

- Scope of supply : 1/ Sensor unit
 2/ Signal cable (5m x 2)
 3/ Mounting belt
 4/ Silicone grease (100g)

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2- For flow velocity profile measurement

| DESCRIPTION | CODE | | | | | | | | | | | | | | | | Price £ FOB Japan |
|--|------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|------------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| MODEL CODE Detector for Portable ultrasonic flowmeter | F | S | D | | | 0 | Y | 1 | | | | | | | | | |
| KIND Small type (standard - 40 to 200mm / 100°C max) Middle type (100 to 400mm / 80°C max) Large type (200 to 1000mm / 80°C max) | | | | | | P | 2 | | | | | | | | | | Base £1,502 £1,731 £2,205 |
| TERMINAL MOLD None | | | | | | | 0 | | | | | | | | | | Add £0 |
| STRUCTURE General use (for FSC) | | | | | | | | Y | | | | | | | | | £0 |
| VERSION | | | | | | | | | | | | | | | | 1 | £0 |

Optional accessories

| ITEM | SPECIFICATION | DRAWING N° | Price £ FOB Japan |
|------|--|--|---|
| 1 | Dedicated Li-ion Battery (2pcs of battery are necessary for one FSC) | TK7N6384P1 | £181 unit price |
| 2 | Power adaptor 90 to 264V AC, 50/60Hz AC Power adapter Power connector conversion cord | TK7N6383P1 TK4J2637C1 | £230 £109 |
| 3 | Power cord For Japan, North America (125V AC, 2m) For Europe, Korea (250VAC, 2m) For China (250VAC, 2m) | TK7N6621P1 TK7N6608P1 TK7N6609P1 | £60 £85 £85 |
| 4 | Printer unit | TK4J2634C1 | £1,521 |
| 5 | Printer roll paper (Thermal roll paper) | TK7N6381P1 | £113 1pkg=10pcs |
| 6 | Silicon frease For standard, G20M, 100g For high temperature, KS62, 100g | TK7G7984C1 TK7G7983C1 | £47 £162 |
| 7 | Signal cable, 5m Signal cable, red connectors on both sides Signal cable, blue connectors on both sides Signal cable for large type sensor (BNC connector on one side), BNC adaptor | TK4J2640C1 TK4J2640C2 TK468664C5 TK7N6323P11 | £193 £193 £314 £14 |
| 8 | Extension signal cable 10m x 2pcs, with BNC connector 50m x 2pcs, with BNC connector | TK468664C3 TK468664C4 | £483 £966 |
| 9 | Analog I/O cable - 6-core, 1.5m, with connector | TK4J2639C1 | £113 |
| 10 | Mounting belt/wire for small/standard diameter sensors, plastic cloth belt Mounting belt/wire for large type sensor, stainless wire Diameter 200 to 500 Diameter 200 to 1000 Diameter 200 to 2000 Diameter 200 to 3000 Diameter 200 to 6000 Mounting belt/wire for high temp sensor, stainless steel belt | TK7G7979C1 TK7G7980C1 TK7G7980C2 TK7G7980C3 TK7G7980C4 TK7G7980C5 TK7G7981C1 | £28 £507 £558 £621 £685 £888 Contact us |
| 11 | Guide rail for high temp.sensor to mount by Z method (mater. of mount.bracket: Alluminium alloy+ SUS304) | TK4C6164C1 | Contact us |
| 12 | Guide rail for small type sensor to mount by Z method (mater. of mount.bracket: Alluminium alloy+ plastic) | TK4C6164C2 | Contact us |
| 13 | Pipe thickness gauge ECHOMETER 1073 | FLC-ECHO1073 | £3,799 |

"Discount schedule for optional accessories is not available"