

**PTFM 1.0 Portable Ultrasonic Transit Time Flow Meter**

Model PTFM 1.0

Approximate shipping weight: 14 lbs / 7 kg

**STANDARD FEATURES:**

- pair SE16B ultrasonic transducers - clamp-on for 2" to 48" (50 mm to 1200 mm) pipes
- transducer cables - 12 ft (3.5m) coaxial with BNC connectors
- flow rate range:  $\pm 0.07$  to 39 ft/sec ( $\pm 0.02$  to 12 m/sec)
- installation - stainless steel transducer brackets, mounting clamps, alignment bar and silicone coupling compound kit
- enclosure - portable ABS with rugged IP67 carry case
- display - white, backlit matrix LCD
- totalizer - 14 digit
- calibration - built-in 5-key programmer
- damping - keypad adjustable
- power input - built-in NiMH battery for up to 18 hours operation  
- external charger with 100-240VAC power input
- outputs - 4-20mA (500 ohm), USB
- data logger - fully programmable 300,000 point capacity
- 'Greyline Logger' PC software for Windows™
- 1 set cables - 4-20mA and USB
- 1 Manual - Installation and Operation

**OPTIONS AND ACCESSORIES**

QTY	CODE	DESCRIPTION	
	PTC12	Replacement Transducer Cable - Pair 12' (3.65 m) coaxial cables with BNC connectors and seal jackets	
	PTC50	Transducer Cable Extension - Pair 50' (15 m) coaxial cables with BNC connectors and seal jackets (connects to PTC12 cables for 62' / 19 m total cable length)	
	TMK1	Transducer Mounting Kit with pair SS Mounting Brackets, pair Pipe Clamps for OD up to 30" (750 mm) and 30 ml (1 oz) Coupling Compound	
	CC30	Coupling Compound - Water based Ultrasonic Couplant 112 g. (4 oz)	
	CC-SL30	Coupling Compound - Super Lube® Synthetic Grease 3.0 oz tube	
	CC-SL30HT	Coupling Compound for Fluid Temp. > 120°C (250°F) - Super Lube® Dielectric Grease 3.0 oz tube	
	MNL	Additional Manuals (One supplied with each unit)	
	PSA	Replacement Charger with 100-240VAC Power Input	

**REPLACEMENT TRANSDUCERS**

\* Provide Instrument Serial number when ordering replacements

	SE16B	One replacement Transducer for 2" to 48" (50 mm to 1200 mm) ID pipes (two transducers used with each flowmeter)	
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**RENTAL - By special arrangement with Greyline - Minimum billing: 1 month - 80% credit of rental towards purchase**

	RENT	Monthly Rate for standard model	
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