

Transport PT878 System

- Single part number
- Discounted packages
- Updated accessories



Transport PT878 System Part Number

- One part number for all items
 - Streamlined quotes and orders
 - Typical transducer combinations offered
- Reduced errors in shipments

PT878-1

705-805

230-014

704-671-25

C-RS-402-00-0

UC-F-R-12-0

CF-LP-2EM-40NM-6

D868-E

2CHRT-1-6-0

PT-SYS-1-1-S-D-TG-E

Old quote to customers

New system string

Transport PT878 System Part Number

PT-SYS	X	X	X	X	X	PT878 System
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Power Cord	1					North American
	2					European
	3					United Kingdom
Carry Case		SC				Standard softshell case; Ideal for everyday users
		H				Optional hard shell case; Ideal for shipping and travel purposes.
Transducer Kit		0				No Transducers
		A				-40 to 150 deg C applications, 2" to 24" pipes (C-RS-402)
		B				High temperature -40 to 230 deg C applications, 1/2" to 2" pipes (CF-LP-2EM-40HM-6)
		C				-40 to 150 deg C applications, 6" and larger pipes (C-RS-401). Requires extensions for up to 48" lines or magnetic clamping fixtures for pipes larger than 24".
		D				Combination kit of options A and B
		E				Combination kit of options A, B and C
		F				High temperature -20 to 210 deg C applications, 2" to 24" pipes (C-PT-10-HT)
		G				Combination kit of options B and F
Accessories		TG				Thickness Gage
		E				Energy kit with matched pair Pt 1000, surface mount RTDs with transmitters and I/O cable
		C48				Clamping fixture for up to 48 inch lines
		IO				I/O cable
		IR				USB to IR Converter
		FV				6 point verification test on a traceable loop

Transport PT878 System Part Number

- Base Kit
 - PT878 electronics
 - Charger
 - Manuals
 - Language of meter
 - Couplant



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Transport PT878 System Part Number

- Line Chord
 - Selection of regional power connectors



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Transport PT878 System Part Number

- Pick the best case
 - Soft bag
 - Weatherproof hard case



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- Transducer kits
 - Combinations have price benefit
 - Can order additional as required a la carte



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- Accessories
 - Choose as many as required



Transport PT878 System Part Number

- **Soft bag**

- Light weight
- Durable
- Good for high use when concern for fatigue from heavier bags is a concern.



- **Hard case**

- Solid construction
- Weatherproof
- Good when heavy travel or shipment of equipment is planned or when canvas bags are not acceptable.



Transport PT878 System Part Number

• Transducer Kits

- Typical combinations offered with price breaks
- Can be ordered without a transducer kit as necessary
- All required clamping fixtures are supplied
 - Standard clamp is UC-F-12 with inserts if required
- 25 ft cables included as standard
- Order additional sets of transducers as separate line items

Kit	CF-LP-2EM-40HM-6	C-RS-402-00-0	C-RS-401-00-0	C-PT-10-B-HT-00-0
O				
A		X		
B	X			
C			X	
D	X	X		
E	X	X	X	
F				X
G	X			X

Transport PT878 System Part Number

- Accessories

- Thickness Gage (-TG)
- New transducer and calibration block from GEIT
- Improved travel case to protect thickness gage



Transport PT878 System Part Number

- Accessories

- Energy Kit (-E)
- New **Pt1000** surface mount **4- wire** RTDs replace Pt100 CORTD
- Integrate 4-20 mA transmitter (0 to 150 deg C)
- Calibrated matched pairs
- New input cable replaces 2CHRT
- No more flying leads



Transport PT878 System Part Number

- Accessories

- Long Universal Clamping Fixture (-C48)
- Provides a clamping fixture to allow pipe sizes up to 48"
- Includes canvas carry bag
- Provided in addition to smaller UC-F-12



Transport PT878 System Part Number

- Accessories

- Input/Output cable (-IO)
- Allows PT878 to be connected to DCS through analog output or pulse/frequency outputs
- Allows customer 4-20 mA transmitters to input values into the PT878

Transport PT878 System Part Number

- Accessories

- USB to IR converter (-IR)
- Allows PT878 to communicate with PC not equipped with an IR interface



Transport PT878 System Part Number

- Accessories

- Flow verification test of the PT878 (NIST1 or European based on plant)
- Provides verification report of the PT878 with customer transducers against a traceable reference.

CERTIFICATE OF CALIBRATION

GE Sensing
1100 Technology Park Drive
Billerica, MA 01821 USA
Tel: 978-437-1000 Fax: 978-437-1023

ISO 9001:2000 Reg. No. 06-1015

Certificate: **060319**

Sales Order: **2006010000181**

Flowmeter: **PT878**

Transducer: **C-RS-401**

Serial Number 1: **12070720**

Customer: **AMMOBILE SYSTEMS COMPANY**

Serial Number: **3813**

Channel: **1**

Serial Number 2: **12070719**

GE Sensing certifies that the equipment listed on this certificate was tested, calibrated, and meets its published specifications*. GE Sensing further certifies that the calibration standard used against the listed equipment was calibrated in the range of 68 GPM to 426 GPM traceable to the National Institute of Standards and Technology.

Calibration Standard: 4" Magnetic Flowmeter S/N A961306124	
Date Calibrated:	08/06/09
Re-calibration due:	08/06/10
Calibration uncertainty:	0.25%
Annual standard: at flow calibration facility:	N.I.S.T. Ref No.
Weight Scale 1000g	11856A
Weight Scale 10000g	1003 FCB
Mercury In Glass Thermometer	7001746

Procedure ID:

TCD-001-7.5-011 Rev D (Liquid Flowmeter Processing)

TCD-001-7.5-012 Rev C (Portable Flowmeter Processing)

Quality Program:

Quality Manual QM-001 Rev D

Test Configuration: **2 Traverse** Pipe: **4" PVC pipe schedule 80**

Date Certified: **05/07/10**

Certified By: **Michael Steingard**

Title: **Service Engineer**

Signature: _____

Calibration: **05/07/10**

K-Factor: **1.0000**

Reference Flow Gpm	Measured Flow Gpm	Reference Flow Gpm	Measured Flow Gpm
74.742	73.292	400.600	401.504
154.108	155.179	.	.
233.979	234.662	.	.



imagination at work

Transport PT878 System Part Number

- Accessories that *ordered separately*
 - Magnetic clamping fixtures (MC)
 - Thermal printer
 - Additional transducers beyond kits available

