





Item		Description	Qty.	Part Number
1	R	Bearing, Sleeve	3	642228-454
2	+	Board Assembly, Circuit	1	235077-101
3		Box, Junction, Temperature Probe	1	310049-201
4		Chain, Magnet.....	1	551228-001
5		Collar (For Meters with Non-Threaded Temperature Well Boss):		
		Standard	1	551237-002
		High Pressure	1	551237-001
6		Connector.....	1	551804-001
7		Connector.....	1	644634-401
8		Coupling	1	551234-001
9		Coupling, Drive.....	1	072103-001
10		Cover Assembly	1	551204-001
11		Bezel, Front.....	1	551224-001
12		Bracket, Window	1	551207-001
13	R	Cover	1	552979-001
14	+	Gasket	1	551246-001
15		Screw, #6-32 x 5/16" with Lock Washer.....	10	644270-403
16		Window	1	551206-001
17		Cover, Blind.....	1	010078-001
18	R	Cover, Power Supply	1	552978-001
19	@1	Disc, Coupling	1	See Note 1
20		Fitting, Temperature Probe	1	645226-401
21		Gasket, Counter	1	002536-001
22		Gasket (For Meters with Non-Threaded Temperature Boss):		
		Standard	1	551238-002
		High Pressure	1	551238-001
23	@6	Gear:		
		C2-S1 and SC-13 Meters, Standard Gallon	1	071926-002
		SD-30 Meter, Standard Gallon.....	1	515464-002

Item		Description	Qty.	Part Number
25	R	Housing:		
		Standard	1	529510-001
		Off Shore Trim.....	1	551722-001
26		Housing, Power Supply:		
		Standard	1	551753-001
		Off-Shore Trim.....	1	551753-002
27		Hub.....	1	004738-001
28		Magnet	1	551227-001
29		Nameplate.....	1	551771-001
30		Nipple, 3/4" NPT.....	1	643644-403
31		Nut, 3/8"-16	1	001040-400
32		Nut, M8-1.25:		
		Standard	1	645406-401
		Off-Shore Trim.....	1	645755-401
33	R+	Gasket	1	552975-001
34	+@2	O-Ring	2	641069-476
35	R+	O-Ring	1	552975-001
36		Pin, Cotter, 3/4"	1	645283-401
37		Pin, Cover Alignment.....	2	551584-001
38		Pin, Dowel	2	644528-402
39		Pin, Groove, 1/16 x 5/8".....	1	006028-002
40		Pin, Groove, 5/64 x 1/2".....	1	645809-401
41		Pin, Roll, 1/16 x 3/8"	1	641033-401
42	+	Power Supply	1	235047-101
43	+@5	Probe, Temperature	1	645225-401
44		Ring, Retaining.....	2	640958-402
45		Screw, #6-32 x 1/2"	2	644312-402
46		Screw, 3/8-16 x 1-1/4"	2	002238-401
47		Screw, 3/8-16 x 1-1/4", Drilled.....	8	642048-420
48		Screw, #10-32 x 3/8"	4	644311-401
49		Screw, #5-40 x 1/2"	2	644636-402
50		Screw, 1/4-20 x 1/2"	2	645389-401
51	@3	Screw, M8-1.25 x 30 mm:		
		Standard	8	644824-401
		Off-Shore Trim.....	8	645754-401
52		Screw, 3/8-16 x 1-1/2"	1	643152-404
53		Screw, #5-40 x 1/2"	2	644636-402
54		Screw, #8-32 x 3/8"	2	006293-002
55	@3	Screw, M8-1.25 x 30 mm:		
		Standard	7	644824-401
		Off-Shore Trim.....	7	645754-401
56	@3	Screw, M8-1.25 x 50 mm:		
		Standard	1	644824-404
		Off-Shore Trim.....	1	645754-402
57	+	Seal, Lead, and Wire	3	001627-400
58	+	Seal, Lead, and Wire	1	001627-403
59		Shaft, Lower	1	551233-001
60		Shaft, Upper	1	551231-001
61		Spacer	1	551480-001
62		Standoff	2	644732-419
63		Support.....	1	551764-001
64		Tag, Fluid Fill	1	551194-001
65		Terminal Block.....	1	645030-401
66		Transmitter Assembly (1,000 Pulses/Rev.)	1	551214-006
67		Washer	1	005500-401
68		Washer	2	642482-409
69		Washer	2	014012-200
70		Washer	1	643130-401
71	@4	Washer, Shim:		
		.010".....	A/R	006332-001
		.020".....	A/R	006331-001
		.040".....	A/R	009615-400

Item	Description	Qty.	Part Number
72	@5 Well, Temperature Probe	1	551202-001
73	Wrench, Allen 6 mm Metric	1	644827-401
74	Temperature Probe & Well (includes items #20, 43 & 72)	1	551201-001

+ Recommended stock.

R Indicates change since last revision.

A/R As required.

@1 Order using Chart A below.

@2 Apply grease (Part No. 005582-600) to O-Ring cavity.

@3 Apply anti-seize lubricant (Part No. 005893-600) to all cover mounting screws.

@4 Add shims to provide .005/.015 axial clearance.

@5 Fill well half full with thermal grease (Part No. 644802-401), mineral oil, or equivalent before inserting temperature probe.

@6 For gearing other than standard gallon, contact Smith Parts Operation.

Chart A

Meter Type	Pressure Range	Gearing	Input Coupling
E3, F4, G6, H8	A1, S1, V1	All	014356-* (Std.)
K-12, M-16	S1, S3, S5	All	501801-*
K-12, M-16	S6, S7	All	005969-**
J10	S1, S3, S5	All	501816-*
JA10, JB10	S1, S3, S5	All	501801-*
JA10, JB10	S6, S7	All	005969-**
H8	S3, S5	All	003821-*
H8	S6, S7	All	005969-**
G6	A3, S3, S5	All	003821-*
G6	S6, S7	All	005469-**
F4	A3, S3, S5	All	003821-*
F4	S6, S7	All	005969-**
E3	A3, S3, S5	All	003821-*
E3	S6, S7	All	005969-**
C2/SC-13	S1	Gallons	071926-*
C2/SC-13	S1	Dekalitres	071950-*
C2	S3, S5	All	003821-*
C2	S6, S7	All	005969-**
GM (Oval Gear)	All	All	301110-201
T-11/I-75	All	Gallons	008969-*
T-11/I-75	All	Dekalitres	070269-*
T-20/I-150	All	Gallons	008970-*
T-20/I-150	All	Dekalitres	070685-*
T-40/SD-30	All	Gallons	515464-*
T-40/SD-30	All	Dekalitres	515491-*

* If main shaft (Item 39) has a diameter of 3/16", order input coupling using 001 as suffix to base part number. If main shaft diameter is 1/4", order input coupling using 002 as suffix to base part number.

** If main shaft (Item 39) has a diameter of 3/16", order input coupling using 001 as suffix to base part number. If main shaft diameter is 1/4", order input coupling using 003 as suffix to base part number.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

Headquarters:

1803 Gears Road, Houston, TX 77067 USA, Phone: 281/260-2190, Fax: 281/260-2191

Gas Measurement Products:

Erie, PA USA Phone 814/898-5000

Thetford, England Phone (44) 1842-82-2900

Kongsberg, Norway Phone (47) 32/286-700

Buenos Aires, Argentina Phone 54 (11) 4312-4736

Integrated Measurement Systems:

Corpus Christi, TX USA Phone 361/289-3400

Kongsberg, Norway Phone (47) 32/286-700

San Juan, Puerto Rico Phone 787/274-3760

United Arab Emirates, Dubai Phone 971 +4/331-3646

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Slough, England Phone (44) 1753-57-1515

Ellerbek, Germany Phone (49) 4101-3040

Barcelona, Spain Phone (34) 93/201-0989

Moscow, Russia Phone (7) 495/564-8705

Melbourne, Australia Phone (61) 3/9807-2818

Beijing, China Phone (86) 10/6500-2251

Singapore Phone (65) 6861-3011

Chennai, India Phone (91) 44/450-4400

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