



Item	Description	Qty.	Part Number
1	Adapter:		
	AM-1 .....	1	013166-001
	AM-5, Shown .....	1	517758-001
2	Adapter, Adjusting Stem.....	1	512372-003
3	Bearing, 1/4" I.D. x 1/2" O.D. x 1-1/4" Long, Sleeve.....	2	642228-450
4	+@1 Board Assembly:		
	110 Volt, STANDARD (See Note 1) .....	1	529290-001
	220 Volt .....	1	529290-002
5	Bracket .....	2	529246-001
6	@1 Decal, Instruction .....	1	529296-001
7	Decal, Caution.....	1	529499-001
8	R Fuse, 1/2 Amp, 125 Vac .....	1	644588-432
9	Nut, #6-32 Lock Keps Hex Shakeproof .....	8	642210-407
10	Screw, #6-32 x 3/8" Round HD Slot .....	8	003213-400
11	Shield .....	1	529476-001
12	Washer, Flat 5/16" O.D. X 5/32" I.D. X 3/64" .....	8	642511-403
13	Clamp, Oil Tube .....	1	003905-001
14	+@2 Connector Assembly, 8-Wire .....	1	529252-001
15	Coupling, Drive.....	1	506407-001
16	@3 Coupling, Input .....	1	See Note 3
17	R@4 Cover .....	1	552978-001
18	Cover, Adjusting Stem.....	1	003553-001
19	Cup, Oil.....	1	006588-001
20	+ Disc:		
	100 Slot.....	1	529242-002
	200 Slot.....	1	529242-001
21	+ Gasket, Base.....	2	002536-001
22	Gasket, Cover.....	1	003834-001
23	Housing .....	1	529510-001
24	Hub.....	1	004738-001
25	+@5 O-Ring, 1/4 x 1/2" Buna.....	2	641069-476
26	R Gasket .....	1	552975-001
27	Pin, Groove, 1/16 x 5/8".....	1	006028-002
28	R Pin, Groove, 5/64 x 1/2".....	1	645809-401
29	Plate, Cover.....	1	003440-001
30	Screw, #5-40 x 3/8" Pan HD Slot.....	2	644636-401
31	Screw, #6-32 x 1/4" Pan HD Slot.....	1	644312-401
32	Screw, #10-24 x 3/4" Fill HD Slot, Drilled .....	2	006481-003
33	Screw, #10-32 x 3/8" Hex Socket HD, Nylock.....	2	643923-402
34	Screw, #10-32 x 1/2" Fill HD Slot .....	2	015170-400
35	@6 Screw, #10-32 x 3/8" Pan HD Slot.....	4	644311-401
36	Screw, #10-32 x 7/8" Fill HD Slot .....	2	640835-001
37	Screw, 3/8-16 x 1-1/4" Cap Hex HD, Drilled .....	3	642048-420
38	@7 Screw, M8-1.25 x 30 mm, Hex Soc HD, Metric .....	8	644824-401
39	Screw, 3/8-16 x 2" Fill HD Slot .....	2	060069-002
40	+@8 Seal, Wire, and Lead.....	1	001627-403
41	Shaft, Main .....	1	529245-001
42	Spacer .....	1	551480-001
43	Spacer Ring, 3/8" .....	1	504464-001
44	Stem, Adjusting .....	1	009838-001
45	Tube, Oil .....	1	514658-001
46	Washer, Flat 5/8" O.D. x 1/4" I.D. x .010" .....	A/R	014012-200
47	Washer, Flat 5/8" O.D. x 17/64" I.D. x .030" .....	1	643130-401
48	Wrench, 6 mm Allen, Metric .....	1	644827-401
49	Tool, Disc Changing .....	A/R	009947-001

Item	Description	Qty.	Part Number
+	Recommended stock.		
R	Indicates change since last revision.		
A/R	As required.		
@1	Note 1: For special timing, consult the Smith Meter Parts Operation. Please provide meter size, meter ratio, slots in disc, and voltage.		
@2	Note 2: Seal with sealing compound, P/N 644139-402. Minimum potting depth must be not less than 1-1/2".		
@3	Note 3: Order using Chart A below.		
@4	Note 4: Apply a thin coat of grease P/N 005851-600 on mating surfaces before mounting.		
@5	Note 5: Grease O-Ring cavity with lubricant P/N 005882-600 before insertion.		
@6	Note 6: Apply Loctite P/N 645001-401 to threads.		
@7	Note 7: Apply anti-seize lubricant P/N 005893-600 to all cover mounting screws.		
@8	Note 8: Run seal wire P/N 001627-403 around body and cover completed assembly.		

### Chart A<sup>R</sup>

Meter Type	Pressure Range	Gearing	SS1 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	005969-**
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/T-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.

<sup>R</sup> Entire chart is a change since last revision.

PO03026 has replaced publication number P1003.04X which has been made obsolete.

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.

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