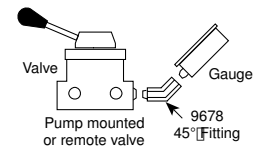
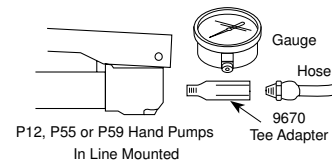


Gauges

Standard and digital gauges



Typical Mounting Situations



■ Heavy-duty hydraulic pressure gauges

These gauges feature an easily readable and highly visible adjustable, red day-glo needle. A high strength steel bourdon tube ensures high cycle life. With stainless steel cases and lens locking rings, all 102 mm and 152 mm dry gauges can be filled with silicone (Kit #9046). All gauges have 1/4" NPT bottom connections. Designed to meet ASME B40.1 grade B standards.

Note: Gauges 9040-9085 are available in Europe with readings in bar. To order, add the letter "E" to the part number (example 9075E) or contact your nearest Power Team facility.

■ Digital pressure gauges

Accurate to within 1%, these new gauges feature larger display characters than ordinary digital gauges. Each gauge includes a long-life pressure transducer with 1/4" NPTF male threads for the pressure connection and a 1.8 m signal input cable to connect to back of display unit.

FEATURES

- Pressure values are displayed on large red LED's in 10 psi or Bar increments.
- "Peak" hold feature with reset toggle switch and "Peak On" indicator; Hi/Low set point feature with relay outputs for Hi/Low alarms and/or control signals.
- A slow flashing display indicates pressure below the low limit; fast blinking display alerts you if high limit is exceeded.
- High and low limit relays are rated to a full 5 amps at 115 volts, compared to 1.5 amp rating of some competitive gauges.
- Operating temperature of -18 to 60 C for the electronic display and -29 to 82 C for the transducer. Gauge housings are extruded aluminum 1/8" DIN enclosures (NEMA 1 rating).
- When power cable is connected to gauge, display will scroll all characters, performing a self-diagnostic routine.

Digital Pressure Gauge

No. DG100 – Digital pressure gauge, pressure range 0-10,000 psi. **Note:** Serviced only at factory. Wt., 1 kg.

No. DG100B – Metric digital pressure gauge, pressure range 0-690 Bar. **Note:** Serviced only at factory. Wt., 1 kg.

Digital Pressure Gauge Accessories

No. 420778 – Gauge stand for DG100 or DG100B. Has angled base mounting to hold gauge at a convenient viewing angle. Wt., 0.5 kg.



No. 37045 – Auxiliary power cord for use with any 12 or 24V battery. Wt., 0.1 kg. **Caution:** For use on negative ground systems only.



Standard Pressure Gauge Accessories

No. 9046 – Silicone fill kit. 212 g. Requires one bottle to fill 102 mm gauge; four bottles to fill 152 mm gauge.



Standard Pressure Gauge Accessories (cont.)

No. 9047 – Replacement lens and pointer for 63.5 mm dia. gauge.



No. 9048 – Replacement lens and pointer for 102 mm dia. gauge.



No. 9049 – High performance pulsation dampener. 1/4" NPTF male x 1/4" NPTF female.



STANDARD PRESSURE GAUGE ORDERING INFORMATION

Face Dia.	psi/Bar	Tons	Major Graduations	Minor Graduations	Silicone Filled	Use With Cylinder Series	Gauge No.
63.5 mm	0-10,000/0-690	–	2500 psi, 100 Bar	500 psi, 20 Bar	No	All	9041
63.5 mm	0-10,000/0-690	–	2500 psi, 100 Bar	500 psi, 20 Bar	Yes	All	9040
101.6 mm	0-10,000/0-690	–	1000 psi, 100 Bar	200 psi, 10 Bar	No*	All	9051
101.6 mm	0-10,000/0-690	–	1000 psi, 100 Bar	200 psi, 10 Bar	Yes	All	9052
101.6 mm	0-10,000/0-690	0-17.5, 0-30 and 0-50	2000 psi, 5 Ton	200 psi, .5 Ton on 30, 50 Ton Scales; .2 Ton on 17.5 Ton Scale	No*	RT172, RT302, RT503	9059
101.6 mm	0-10,000/0-690	0-5	2000 psi, 1 Ton	200 psi, .1 Ton	No	C & RLS	9053
101.6 mm	0-10,000/0-690	0-10	2000 psi, 1 Ton	200 psi, .1 Ton	No*	C, RD, RH, RLS & RSS	9055
101.6 mm	0-10,000/0-690	0-15	2000 psi, 1 Ton	200 psi, .2 Ton	No*	C	9057
101.6 mm	0-10,000/0-690	0-20	2000 psi, 5 Ton	200 psi, .2 Ton	No*	RH†, RLS, RSS	9061
101.6 mm	0-10,000/0-690	0-25	2000 psi, 5 Ton	200 psi, .5 Ton	No*	C & RD	9063
101.6 mm	0-10,000/0-690	0-30	2000 psi, 5 Ton	200 psi, .5 Ton	No*	RH†, RLS & RSS	9065
101.6 mm	0-10,000/0-690	0-50	2000 psi, 5 Ton	200 psi, .5 Ton	No*	RH†, RLS & RSS	9067
101.6 mm	0-10,000/0-690	0-55	2000 psi, 5 Ton	200 psi, .5 Ton	No*	C, R, RA & RD	9069
101.6 mm	0-10,000/0-690	0-60	2000 psi, 5 Ton	200 psi, 1 Ton	No*	RH	9071
101.6 mm	0-10,000/0-690	0-75	2000 psi, 5 Ton	200 psi, 1 Ton	No*	C, RLS & RD8013	9073
101.6 mm	0-10,000/0-690	0-100	2000 psi, 10 Ton	200 psi, 1 Ton	No*	C, R, RA, RD, RH, RLS†, RSS† & RT1004†	9075
101.6 mm	0-10,000/0-690	0-150	2000 psi, Initial 10 Then 20 Ton	200 psi, 2 Ton	No*	C, R, RD & RLS	9077
101.6 mm	0-10,000/0-690	0-200	2000 psi, 20 Ton	200 psi, 2 Ton	No*	R, RD & RH†	9079
101.6 mm	0-10,000/0-690	0-300	2000 psi, 25 Ton	200 psi, 5 Ton	No*	RD	9081
101.6 mm	0-10,000/0-690	0-400	2000 psi, 50 Ton	200 psi, 5 Ton	No*	RD	9083
101.6 mm	0-10,000/0-690	0-500	2000 psi, 50 Ton	200 psi, 5 Ton	No*	RD	9085
101.6 mm	0-6,000/0-400	0-400	1000 psi, 100 Bar	200 psi, 10 Bar	No*	All	9087
101.6 mm	0-10,000/0-690	0-150	2000 psi, Initial 10 Then 20 Ton	200 psi, 2 Ton	Yes	RH	9091
152.4 mm	0-10,000/0-690	0-690	1000 psi, 100 Bar	100 psi, 10 Bar	No*	All	9089

* Shipped “dry”. User can convert to “wet” using liquid silicone No. 9046.

† The tonnage scale on the gauge is based on a different effective area. A slight error in tonnage reading will occur relative to the different effective area.