



Slack-Tube[®] Manometers

The Handy Roll-Up Manometer With Laboratory Accuracy

Dwyer Slack-Tube[®] Manometers are as accurate as the finest laboratory "U" gages – yet they are made to roll up compactly for easy carrying and to withstand rough usage.

Simply unroll the Dwyer Slack-Tube[®] Manometer and set up to read static pressure, vacuum, or differential pressure. Magnetic clips hold it firmly to any steel surface or hang it on a nail. Turn connectors one revolution to open. When the pressure is imposed, add the number of inches one column travels up to the number of inches the other column travels down. When reading is completed turn connectors to seal columns, roll up manometer into compact coil and tuck it away in its circular metal case or a tool box. No fluid lost. No loose caps or inserts to lose.

Dwyer Slack-Tube[®] Manometers cover a wide range of pressure readings – from 4-0-4 inches up to 60-0-60 inches. Use them in determining velocity and static pressures, for leakage, fan and blower tests, calibrating control devices, checking gas pressure and many other applications. All models have flexible vinyl-plastic columns and flexible spring steel scale calibrated in inches of water using water, and inches of mercury using mercury. Scale is center-mounted between columns to eliminate parallax error and has a full 2-inch sliding zero adjustment.

All Dwyer Slack-Tube[®] Manometers feature exclusive molded nylon tubing connector assemblies with rapid shutoff design in an acrylic plastic top (see Fig. 5-3).. One turn counter clockwise and the instrument is ready for use. Another turn seals the tubes completely. Molded all-nylon construction makes this assembly corrosion-proof, leakproof and practically

unbreakable. Tubing connectors extend horizontally allowing 360° freedom. Tubes won't bend or pinch off.

All models have over pressure safety traps in the top of both columns to prevent loss of fluid due to over range pressures or surges in pressure. See Fig. 7-3.

Slack-Tube[®] Manometers are suitable for intermittent total pressure to 50 psi and vacuum not exceeding 20" Hg. Avoid temperatures above 130°F and continuous high total pressure. Not for use with red gage oil; use only water or mercury.

MODELS

Model	Range, In.	Hg Req'd (oz.)
1211-8	4-0-4	6
1211-12	6-0-6	7
1211-16	8-0-8	9
1211-24	12-0-12	12-½
1211-30	15-0-15	15
1211-36	18-0-18	17-½
1211-48	24-0-24	22-½
1211-60	30-0-30	27
1211-72	36-0-36	32
1211-120	60-0-60	57
Metric	Range, CM	Hg Req'd (oz.)
1211-50	25-0-25	11
1211-100	50-0-50	18-½
1211-200	100-0-100	35

Standard Accessories are metal carrying case, magnetic mounting clips, two rapid shutoff type molded nylon rubber tubing connectors and one bottle of fluorescein green color concentrate with wetting agent. Mercury is not included but will be furnished at added cost when specified.

Optional Accessories are available in a wide choice and are listed on the Accessories pages, in the Misc. Section.

NO. 1212 Gas Pressure Kit For Servicing Gas Appliances

A handy, complete kit containing a 16" Slack-Tube[®] Manometer, necessary tubing and connection fittings for checking gas pressures in virtually all gas appliances such as water heaters, furnaces, stoves and dryers. Different range manometers may be specified at corresponding prices. Compared to the cost of purchasing items separately the assembly of component parts into kit form represents substantial savings.

1212 Gas Pressure Kit

What the kit consists of:

- 1 – #1211-16 Slack-Tube[®] Manometer, reads pressure to 16" water.*
- 1 – Carrying case, plastic, 8½" x 7" x 3½"
- 1 – ¼ oz. bottle Fluorescein green color concentrate with wetting agent
- 2 – ⅜" pipe thread rubber tubing adapters
- 1 – ⅜" to ¼" pipe thread bushing
- 1 – 3 ft. length ⅜" rubber tubing
- 1 – Rubber tubing adapter to fit standard ⅜" dia. spud.

*Other ranges available.



Fig. 12-2. (At right). Slack-Tube[®] Manometer extended.



Fig. 12-1. (left). Slack-Tube[®] Manometer rolled up for easy handling and storage.



Fig. 12-3