Fast, accurate pressure measurements at moderate cost.
Combines modern, solid state integrated circuit electronics with the
timeproven point gage manometer. Delivers repeatable accuracy in
measuring positive, negative or differential pressures to ±0.0025" water column over a 0 to 2" w.c. range. Metric model M-1430 reads
from 0-50 mm w.c.
Calibrates other instruments. Provides high precision for test
laboratories of manufacturers of fans, air conditioning and heating
equipment, pneumatic or fluidic controls, etc. Used in college,
university and consultant laboratories — wherever precision
measurements are required. Used with pitot tube (at extra cost) for
precision measurement of low air velocities.
Measures positive, negative or differential pressures to 2.0" w.c.
Easy to maintain and clean. Battery replacement and instrument
cleaning are quick and simple-use mild soap and water. Indicating
fluid consists of distilled water and a small amount of Dwyer A-126
Fluorescein green color concentrate. Max. press. 100 psig (6.89 bar).

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
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<tbody>
<tr>
<td>1430</td>
<td>0-2 in. w.c.</td>
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<tr>
<td>M1430</td>
<td>0-50 mm w.c.</td>
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</tbody>
</table>

Microtector® gage kit
includes everything needed:

**Microtector® Gage** — A
Durablock® solid, precision machined
acrylic plastic body, mounted on heavy, 1/2" thick steel base. 3-
point base mounting has two leveling screws and level vial for
quick setup.

**Gage Meter** —
Sensitive 0-50 microamp
D.C. meter acts as detector. Powered by 1-1/2 volt penlight cell
(included). No external power needed. Meter also indicates battery
and hook probe condition.

**Electronic Circuitry** — Solid state integrated circuit electronic
components are mounted on glass epoxy board enclosed in a molded
styrene acrylonitrile compartment for protection. A.C. Detector
current eliminates hook plating.

**Micrometer** — Adjusts point with precision. Complies with Federal
Specification GGG-C-105C and is traceable to a master at the NIST.

**Dwyer® Gage Fluid** — 3/4 oz non-toxic concentrate of fluorescein
green color, wetting agent and distilled water. Use with distilled
water.

**Accessories** — Two 3-foot lengths of tygon tubing, two 1/8" pipe
thread adapters, micrometer wrench and crocus cloth for cleaning
point.

**Carrying Case-Cover** — Rugged sheet steel, gray finish. Carrying
handle and latches. Complete instructions included.

Visit our websites:
www.dwyer-inst.com  •  www.dwyer-inst.co.uk  •  www.dwyer-inst.com.au