

Hydronic Manometers

Balance hydronic heating and cooling systems and check pump performance

Both models can measure and display differential, high side, and low side pressures simultaneously without having to change hose connections or instrument valve settings. Both models feature a backlit display and operate on four alkaline or NiMH rechargeable batteries.

Model HM685 can also display volumetric flow when a Cv (Kv) factor is programmed. Up to 100 Cv (Kv) factors can be entered. In addition, the HM685 can calculate brake power, heat flow, Cv (Kv) factors, and impeller sizing. Up to 1000 data points can be stored to memory for later recall or downloaded to a PC using this USB interface.

- Reads pressure in psi, ft H₂O, kPa, mm Hg, in. Hg, in. H₂O, bar
- Reads volume in US GPM, UK GPM, m³/h, l/s, l/m (model HM685)
- Robust, splash-proof case
- Model HM685 performs on-board universal flow and btu/hr calculations



10384-57

HM675 kit includes: Two 6.7 ft ¼" hoses with shut-off valves, two B&G probes, two P/T gauge adapter probes, hard carrying case, power cord, and four rechargeable AA batteries.

HM685 kit includes: All accessories in the 675 kit plus a temperature probe, downloading software, and USB interface cable.

| SPECIFICATIONS | |
|----------------|---|
| Range | 0 to 300 psi (2068 kPa) gauge differential |
| Resolution | 0.001 psi from 0.000 to 9.999 psi (0.01 kPa from 0.00 to 99.99 kPa) |
| | 0.01 psi from 10.00 to 99.99 psi (0.1 kPa from 100.0 to 999.9 kPa) |
| | 0.1 psi from 100.0 to 250.0 psi (1kPa from 1000 to 1725 kPa) |
| Accuracy | ±1% of reading or 0.072 psi (0.5 kPa) |
| Display | Dot matrix LCD with backlight |
| Dimensions | 11" x 4¾" x 3½" (279 x 121 x 89 mm) |
| Power | Four AA batteries or NiMH; min. 12 hours continuous use |

| Catalog No. | Model No. | Description |
|-------------|-----------|---|
| TS-10384-55 | HM675 | Hydronic manometer water and air pressure meter kit |
| TS-10384-57 | HM685 | Hydronic manometer water and air pressure meter kit |
| Accessories | | |
| TS-09386-01 | — | Replacement batteries, AA. 4/pk |
| TS-17100-31 | — | NIST-traceable calibration with data |

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