

## 10. DIGITAL MANIFOLDS

### DIMA-4 DIGITAL MANIFOLD

This high quality digital manifold is suitable for use with any K-type thermocouple. Each manifold comes with a 9V battery (40 hours battery life).

#### FEATURES AND SPECIFICATIONS

- Suitable for more than 50 refrigerants like e.g.: R134a, R290a, R407C, R407F, R410A, R404A, R600a, R1234yf, R744 (CO<sub>2</sub>), ...
- Possibility to add new refrigerants (will need re-programming).
- Liquid or vapour (possibility to switch between **LOW** and **HIGH**) indication with non-azeotropic refrigerants (e.g. R407C).
- Measuring of vacuum on both working lines (**0,01 bar**).
- Max operating pressure: **56 bar**.
- Accuracy better than 1% off scale.
- **4-way manifold** piston type (low, high, ref, vac).
- Sight glass.
- Includes 2 type K temperature probes (3 m cable), measurement readable in °C & °F.
- Calculation of the difference between temperatures T1 and T2.
- 1 ambient temperature sensor.
- 2 high quality ceramic pressure sensors (range -0,99 bar till 49,90 bar), measurement readable in **bar**, **MPa** and **psi**.
- Subcooling & superheating calculation function.

### DIMA-4/NH3 Ammonia version upon request



### DIMA-4/COMPLETE DIGITAL MANIFOLD COMPLETE

DIMA-4 including following hoses:

- **3HDCA-36**  
(<sup>1</sup>/<sub>4</sub>" straight end, <sup>1</sup>/<sub>4</sub>" 45° end + core depressor)
- **HDCSA-36-Y-1/4x3/8-45°**  
(<sup>1</sup>/<sub>4</sub>" straight end, <sup>3</sup>/<sub>8</sub>" 45° end, no core depressor)
- **HDCA-36-B/410**  
(<sup>1</sup>/<sub>4</sub>" straight end, <sup>5</sup>/<sub>16</sub>" 45° end + core depressor)
- **HDCA-36-R/410**  
(<sup>1</sup>/<sub>4</sub>" straight end, <sup>5</sup>/<sub>16</sub>" 45° end + core depressor)
- Delivered in a larger, more comfortable carrying case.

