GRAPHIX® Series
Controllers for active sensors

Touch and feel the difference

20% Special Introductory Discount* until 9/30/2015
GRAPHIX® Series
Smart monitoring and control of active sensors

New range of controllers with 1, 2 or 3 measurement channels

GRAPHIX® represents the latest series of multipurpose single and multi-channel operating instruments for active sensors.

The GRAPHIX® controller offers the complete coverage and control of vacuum pressures in the range between $10^{-10}$ mbar and 2000 mbar.

Customer Benefits
- 3.5" TFT touch graphics display with intuitive user interface
- Easy-to-read curve or bargraph display
- Internal parameter display and event storage including data-logging capability
- USB interface for PC connection, data logging and readout at the front
- Visualization via LEYASSIST software on a PC
- Adjustable switching thresholds with variable hysteresis, floating changeover contacts and visual indication of the switching status in the display, freely assignable to the individual measurement channels
- RS 232 C / RS 485 C interfaces with adjustable Baud rate
- Readout selectable between mbar, Torr, Micron, Pascal or Psi
- Compact benchtop housing (1/4 19-in., 3 HU)

Universally Applicable
The GRAPHIX® controller can be used wherever active sensors are operated.

Full Coverage
Connection of active sensors for direct pressure measurements, including:
- Capacitance gauges
- Piezo pressure sensors
- Thermal conductivity vacuum gauges (Pirani)
- Cold cathode ionization gauges (Penning)
- Hot cathode ionization gauges (Bayard-Alpert)

GRAPHIX® Details
Trend view of all channels can be displayed (left); connections and plug type/sizes (right)

Technical Data
- Display range: mbar $10^{-10}$ - 2000
- Number of measurement channels: 1 (GRAPHIX® ONE), 2 (GRAPHIX® TWO), 3 (GRAPHIX® THREE)
- Unit of measurement (selectable): mbar, Torr, Micron, Pascal, Psi
- Gas type correction factor: adjustable
- Possible active sensors:
  - CERAVAC®
  - THERMOVAC®
  - PENNINGVAC®
  - IONIVAC®
  - Active sensors from other brands: upon request
- Sensor connection: 25-way Sub-D socket and FCC68 (RJ45)
- Adjustable switching thresholds:
  - Number: 6
  - Adjustment range: sensor dependent
  - Hysteresis: adjustable
  - Load rating: floating changeover contact
- Interfaces: RS 232 C, RS 485 C with adjustable Baud rate
- Dimensions (W x H x D): mm 106.4 x 128.5 x 164.5
- Protection class: IP 40

Ordering Information
- GRAPHIX® controller with EURO and US mains connection
  - Cat. No.: GRAPHIX® ONE: 230680V01
  - GRAPHIX® TWO: 230681V01
  - GRAPHIX® THREE: 230682V01

*Special Introductory Discount cannot be combined with any other discounts. Pricing valid through September 30, 2015.
For detailed information please refer to our full line catalog or contact us.