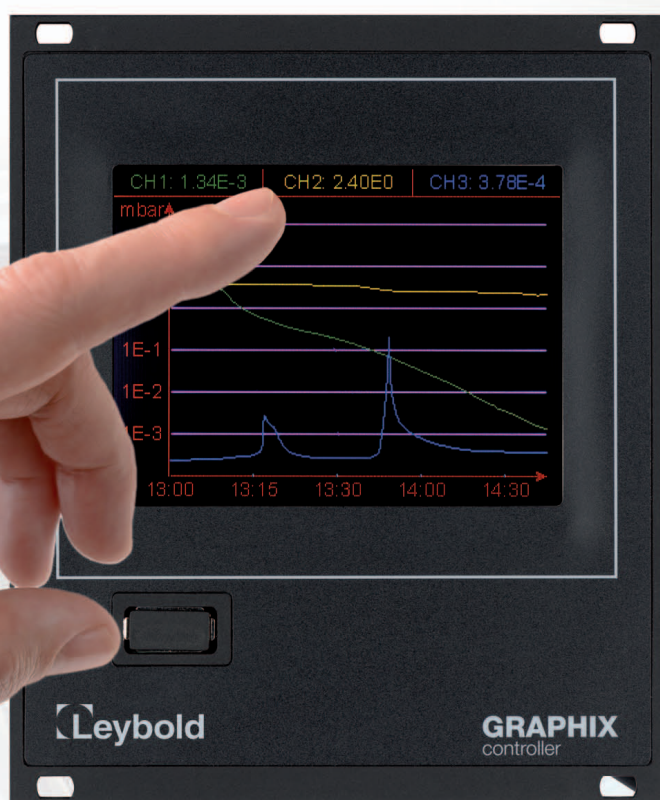


GRAPHIX Series

Universal Controllers for active vacuum sensors

Touch and feel the difference



Measurement range: 10^{-10} - 2000 mbar
 10^{-10} - 1500 Torr



GRAPHIX Series

Smart monitoring and control of vacuum sensors:

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

Customer Benefits

- 3.5" TFT touchscreen display with intuitive user interface
- Easy to read curve or bargraph display
- Internal and external data-logging (USB port on the front) for configuration and real-time measurement data
- Leak testing function via pressure rise test
- Option to connect active vacuum gauges from various brands
- Sensor control function (degas and zero adjustment)
- Up to 6 adjustable set points
- RS 232 / RS 485 interfaces with adjustable Baud rate
- Readout selectable between mbar, Torr, Micron, Pascal or Psi
- Selectable languages: English, German, Chinese, Japanese
- Compact benchtop housing (1/4 19-in., 3 HU)
- Visualization via LEYASSIST software on a PC



General Vacuum Applications

- Process industry
- Coating
- R&D
- Drying
- Particle accelerators
- Semiconductor technologies
- Packaging technologies

Full Coverage

Connection of active sensors for direct pressure measurements (10^{-10} mbar and 2000 mbar)

- Capacitance gauges (CERAVAC)
- Piezo pressure sensors
- Thermal conductivity vacuum gauges (THERMOVAC)
- Cold cathode ionization gauges (PENNINGVAC)
- Hot cathode ionization gauges (IONIVAC)

GRAPHIX Details



Technical Data

Display range	10^{-10} - 2000 mbar, 10^{-10} - 1500 Torr
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 Linear pressure sensors THERMOVAC PENNINGVAC IONIVAC Support of active sensors CTR90/91, CTR100/101 series DU 200/201, DU2000/2001/2001 rel. series TTR90/91/96 series; TTR100/101 series; TTR211/216/911/916 series PTR90 series, PTR225 series ITR90/200 series Option to connect any active vacuum gauge with linear or logarithmic voltage signal
Sensor connection	15-way Sub-D socket and FCC68 (RJ45)
Adjustable switching setpoints	independently assignable to the measurement channels
Number	6
Adjustment range	sensor dependent
Hysteresis	adjustable
Relay contact	floating changeover contact
Load rating	1 A / 30 V AC / 30 V DC
Mains connection	100-240V, 50/60 Hz
Interfaces	RS 232, RS 485 and 25-way Sub-D socket
Dimensions (W x H x D)	mm 106.4 x 128.5 x 164.5
Protection class	IP 20
Languages	English, German, Chinese, Japanese
Ordering Information	Cat. Nos.
GRAPHIX controller with EURO and US mains connection	GRAPHIX ONE: 230680V01 GRAPHIX TWO: 230681V01 GRAPHIX THREE: 230682V01
LEYASSIST software GRAPHIX	230440V01
Adapter USB/RS 232	800110V0103
LABVIEW driver software	available via online download

For detailed information please refer to our full line catalog or contact us.

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