

ARTISAN®
TECHNOLOGY GROUP

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- ITAR-certified secure asset solutions

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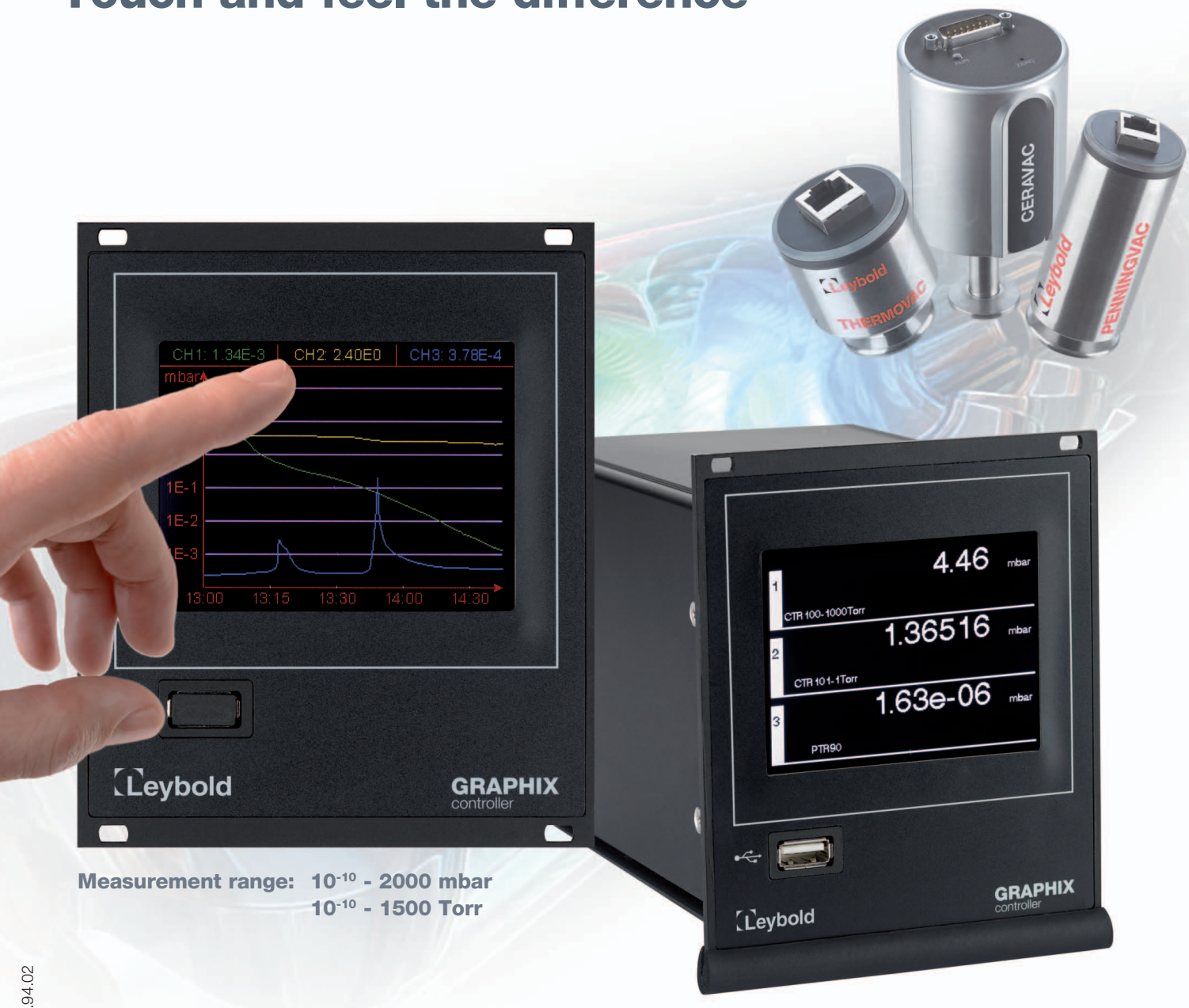
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Leybold

GRAPHIX Series

Universal Controllers for active vacuum sensors

Touch and feel the difference



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

179.94.02

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

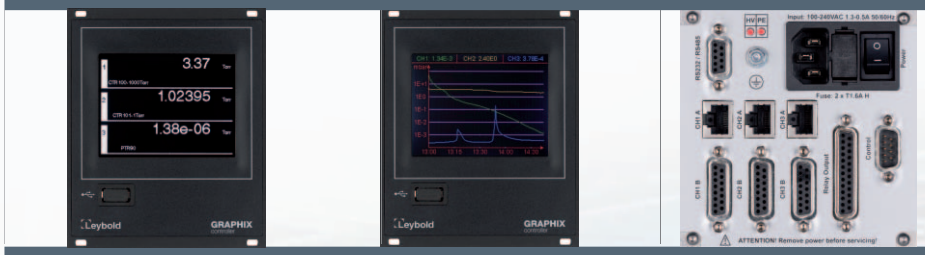
- Process industry
- Coating
- R&D
- Drying
- Particle accelerators
- Semiconductor technologies
- Packaging technologies

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	CTR90/91, CTR100/101 series
Linear pressure sensors	DU 200/201, DU2000/2001/2001 rel. series
THERMOVAC	TTR90/91/96 series; TTR100/101 series; TTR211/216/911/916 series
PENNINGVAC	PTR90 series, PTR225 series
IONIVAC	ITR90/200 series
Support of active sensors	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.

Leybold

Leybold GmbH
Bonner Str. 498 · D-50968 Köln
T +49 (0) 221-347-0
F +49 (0) 221-347-1250
info@leybold.com
www.leybold.com

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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