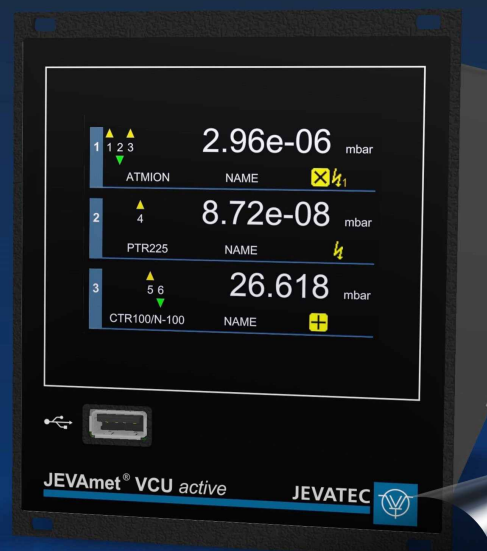
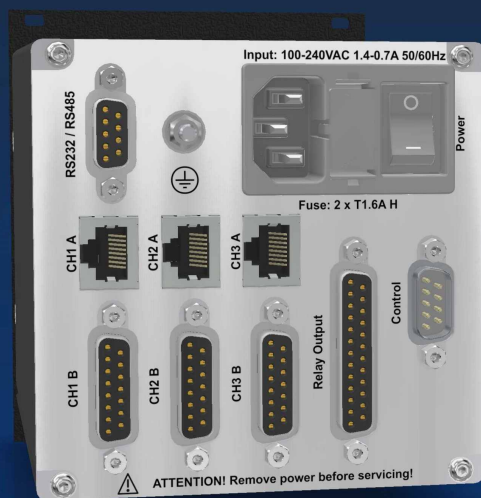


## JEVAmet<sup>®</sup> VCU *active*

Vacuum controller for active vacuum sensors

- Smart control and display unit for up to three active vacuum sensors
- 3.5-inch TFT touchscreen display with intuitive user interface
- Various display modes and leak rate display selectable
- Display and input of measured values in mbar, Pa, Torr, psi or micron
- Serial interface RS232 / RS485 and digital control inputs
- One analogue output per channel and six freely programmable switching points
- Data storage via front USB-A interface
- Wide-range power supply unit 100 – 240 VAC, 50/60 Hz for worldwide use
- Aluminium tube housing as rack insert 1/4 19", 3 height units
- Compatible with active vacuum sensors with analogue or digital interface by JEVATEC and other manufacturers
- Integration of additional sensors possible via manual characteristic curve input



## Compatible active vacuum sensors

JEVATEC – JEVAmet® PRM, PRM-S / JEVAmet® PZM-2000 / ATMION®

VACOM – ATMION®

LEYBOLD – THERMOVAC TTR81N, 90, 91, 91N, 91R, 91RN(S), 96, 96N, 96RN(S), 97RN(S), 211, 216S, 911, 911N, 916, 916N, 911N (RS232), TTR100, 100S2, 101, 101N, 101S2, 101S2N, 101N (RS232), 200N (RS232)

LEYBOLD – IONIVAC ITR90, 90N, 200S, 200SN, 200SL, 200SLN

LEYBOLD – PENNINGVAC PTR81N, 225, 225S, 225N, 237, 237N, 225N (Rs232), 82N, 90, 90N, 90N(RS232), 200N (RS232)

LEYBOLD – CERAVAC CTR 90, 91, 100, 100N, 101, 101N

LEYBOLD – DU 100, 200, 201, 1000, 2000, 2001, 2001 Rel.

PFEIFFER VACUUM – TTR 91, 96, 100 / PTR 91, 225, 237 / CCR 36x, 37x

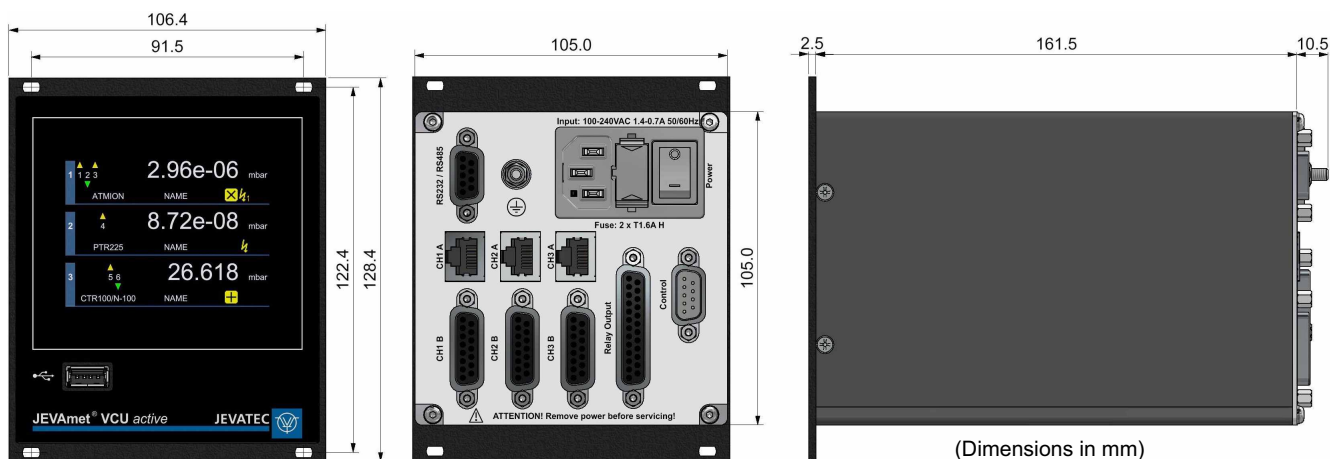
INFICON – PSG 500, 502, 550, 552, 554 / PCG 550, 552, 554 / MPG 400, 500 / PEG 100 / CDG 025D, 045D

Other sensors with characteristic curve 0 - 10 V according to characteristic curve input

## Technical data

<b>Mains connection:</b>	Voltage:	100 – 240 VAC, 50/60 Hz (max. 100 W)
	Connection:	IEC 60320 C14 connector
<b>Measuring channels:</b>	Number:	3
	Display range:	1·10 <sup>-12</sup> – 2000 mbar (1·10 <sup>-10</sup> – 2.0·10 <sup>5</sup> Pa or 7.5·10 <sup>-13</sup> – 1500 Torr)
	Measuring range:	sensor-dependent
	Connections:	D-Sub socket, 15-pin (for ATMION®, IONIVAC and CERAVAC) RJ45 (FCC 68), 8-pin (for analogue sensors)
	Sensor supply:	+24 VDC ± 5 %
<b>Measurement technology:</b>	Measurement rate:	≥ 15 s <sup>-1</sup> (analogue) ≥ 50 s <sup>-1</sup> (digital)
	Display rate:	4 s <sup>-1</sup>
	Display units:	mbar, Torr, Pa, Micron, psi
<b>TFT touch display:</b>	Version:	3.5" TFT display with resistive touchscreen (glove operation possible)
	Resolution:	320 x 240 pixels
<b>Switching functions:</b>	Number:	6 switching functions (freely assignable) + 1 error signalling function
	Contact:	1 potential-free changeover contact each (load max. 30 VAC / +30 VDC, 1 A)
	Connection:	SUB-D plug, 9-pin
<b>Outputs and inputs:</b>	Analogue outputs:	1 per channel, 0 – +10 VDC, sensor-dependent, via SUB-D plug, 9-pin
	Recorder output:	1 (programmable), 0 – +10 VDC, via SUB-D connector, 9-pin
	External control:	for ATMION® and certain IONIVAC and PENNINGVAC, via SUB-D connector, 9-pin
	Serial interface:	RS232 and RS485, via SUB-D socket, 9-pin
	USB interface:	USB-A, on the front, for data recording and update function
<b>Use:</b>		only indoors (max. altitude 2000 m above sea level), protection class IP20, pollution degree 2
<b>Weight:</b>		approx. 1.7 kg

## Dimensions



## More information under:

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Fax: +49 3641 3596-39

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**JEVATEC**

Ideen in der Vakuumtechnik

[www.jevatec.de](http://www.jevatec.de)

