

Acravac^{Plus} Vacuum Gauge

“The Gauge of the Future”

The Acravac^{Plus} is a highly accurate digital gauge designed to accurately measure vacuum levels during evacuation of air conditioning and refrigeration systems from atmosphere (760,000 microns) down to 1 micron. It utilizes a proprietary Pirani sensor, the most accurate sensor in it's class. Because Pirani sensors use the Thermal Conductivity Principle of vacuum measurement, they are more accurate and cover a wider measurement range compared to conventional measuring technologies.

The Acravac^{Plus} also incorporates a 1/4" stainless steel refrigeration fitting for more precise readings of vacuum levels at every stage in the evacuation cycle.

It has an easy - to - read digital display in microns, Pascal and mbar. It displays the actual reading of the vacuum level throughout the entire evacuation process, so a leak is immediately visible. Acravac^{Plus} has an automatic shut - off and stores the last reading for easy retrieval upon start - up.



Advantages to the User

- Outdoor/Indoor usage
- Starts measuring right at the beginning of the evacuation cycle even at full atmosphere, unlike competing units
- First and only HVAC/R vacuum gauge to use Pirani sensor technology for more precise readings.
- Compact design
- 3 changeable display pressures - microns, Pascal, mbar
- Auto shutdown
- Light weight
- Competitively priced.
- Operating Temperatures are 0° C - 50° C

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Specifications

Weight (with Battery)	0.2 kg
Power Source	9 - volt battery
Refrigeration Fitting	1/4" male flare
Controls	On/Off Unit selection Button
Display Units	microns, Pascal, mbar
Display Range	atm (760,000 microns) to 1 micron
Auto Shut - off	After 15 min; last reading displayed when restarted
Accuracy	< 20,000 microns ± 5%, > 20,000 ± 10% of reading
Resolution	Microns: down to 1 micron increments Pascal: down to 1 - Pa increments mbar: down to 0.01 increments
Operating Temperature Range:	0 to 50 °C
Storage Temperature Range:	-10 to 60 °C
Maximum Overpressure	150 psi (7.76 x 10 ⁶ microns)

Need More Information? Talk to Javac!

For all sales enquiries: - **1300 7 8 6 7 7 1**

P U M P S 1

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DISPLAY ONE



Cost-effective, compact single channel and display unit for the transmitters from the THERMOVAC line.

Advantages to the User

- ◆ Power supply voltage for the transmitters
- ◆ Two-digit mantissa in the range from 5×10^{-4} to 1×10^3 mbar
- ◆ Readout selectable between mbar, Torr or Pascal
- ◆ 0 to 10 V chart recorder output via plug-in screw terminals
- ◆ The switching thresholds of the transmitters have been looped through to plug-in terminals
- ◆ Transmitter threshold settings can be displayed by a single key press on the transmitter
- ◆ Compact bench top enclosure (1/4 19 in., 2 HU)
- ◆ For fitting into 19 in., 3 HU racks

Connectable Sensors

- ◆ TTR 211
- ◆ TTR 216
- ◆ TTR 90
- ◆ TTR 90 S

