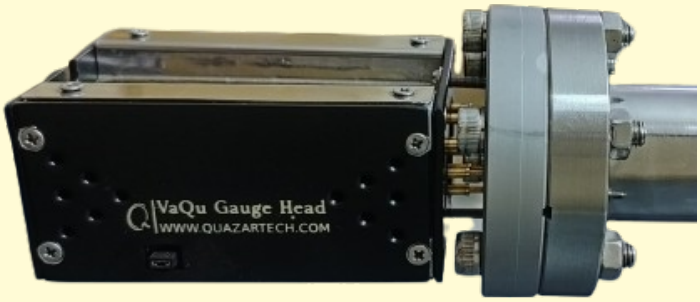
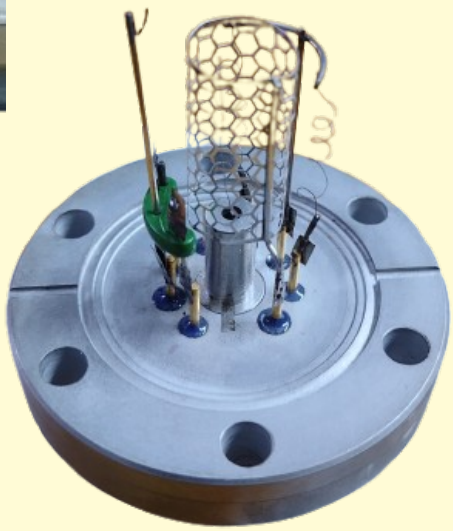
www.quazartech.com

# VaQu 1.0

## Full Range Vacuum Gauge

(Pirani/Bayard-Alpert Model, ISO-CF-35)



*actual Product image may vary

**High Sensitivity**

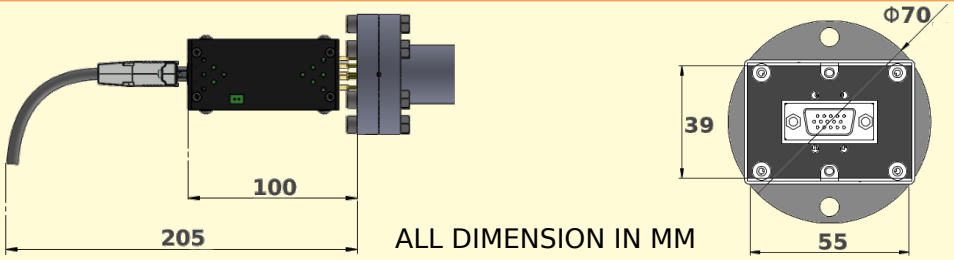
**Precision Vacuum Read-out**

**Automatic Range Selection**

A Quazar Technologies Product

# Specifications

| Description | : | Specification |
|---|---|---|
| Working Range | : | 760 Torr to $10^{-9}$ Torr |
| Working principle | : | Combined dual gauge (Pirani + Hot Cathode Ionization Gauge) |
| Mounting Arrangement | : | Single CF35 (70mm OD) ISO-CF flange |
| Working environment | : | Clean high and ultrahigh vacuum systems (not suitable for corrosive environments) |
| Error in measurement | : | +/- 10% in Pirani Gauge (760 – $10^{-3}$ Torr)<br>+/- 15% in Hot Cathode Ionization Gauge ($10^{-3}$ to $10^{-9}$ Torr) |
| Gauge calibration | : | Against a secondary standard, for Nitrogen or Air.<br>The gauge should to be calibrated if it will used for different gases. |
| Materials exposed to vacuum | : | Tungsten, Thoria-coated Tungsten, SS304 |
| Display | : | LCD or Seven segment LED Display (in Exponent and Mantissa Form) |
| Computer Interface | : | USB-based RS-232 serial link |
| Instrument Chassis | : | 480mm*250mm*132mm (can vary) |
| Mains | : | 230V AC @50Hz, Single phase |




ALL DIMENSION IN MM

## Our Commitment to Customers

**VaQu 1.0 stands out for its excellent specifications, performance and user-friendliness. These qualities, we believe, follow directly from our commitment to customer care. Indeed, our Product Development team interacts constantly with customers to gain insight into their needs. This inevitably leads to well-designed products and to regular upgrades with enhanced features. Our commitment does not stop there. Wherever possible, we customize our products to meet your specific requirements. Which is why, you can count on our efficient customer service to help you, whenever you are in need of help.**

## VaQu 1.0 Accessories

Standard Parts include: Gauge Head (CF-35), Pre-amplifier Box, Controller Box and Power, USB and all interconnecting Cables

Quazar Technologies Pvt. Ltd.
5, Sarvapriya Vihar Market, Sarvapriya Vihar,
New Delhi -110016, India. Phone: +91-11- 41828927, 40044328
www.quazartech.com
For inquiries about our products, please mail us at
support@quazartech.com