



Vacuum Gauge 605BT

Test Products International, Inc.



Scan to download
the TPI View app:



The Value Leader

Visit www.testproductsintl.com

INTRODUCTION

Congratulations: Thank you for purchasing TPI products. The 605BT is easy to use and built to last. Please remember to complete and return your product warranty registration card.

Product Description: The 605BT vacuum gauge measures vacuum in Microns for accurate evacuation of refrigeration systems. Please follow manufactures recommendations on all HVAC equipment.

SAFETY CONSIDERATIONS

Wear safety goggles.

Make sure system is at atmospheric pressure before attaching vacuum gauge.

Check all connections making sure they are secure with no leaks.

Observe all manufacturers recommendations.

General Specifications

Sensor Type	Thermistor
Connector Type	Standard 1/4" Male Flare Fitting
Range	12,000 - 0 Microns
Units of Measure	Microns, PSI, InHg, mBar, Pascals Torr, mTorr
Over Pressure	500 PSI
Operating Temperature	32° to 120°F (0° to 150°C)
Power Supply	9 Volt Alkaline
Bluetooth Communication	Yes, up to 50ft depending on obstacles.

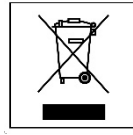


FCC ID : QOQBLE112

IC(ndustry Canada) ID: 5123A-BGTBLE112



209-J0046



See www.tpieuropa.com for CE and UKCA Certificate of Conformity

UK Declaration of Conformity

WISeNET UK CA

We hereby declare that the product

Type of equipment : Digital Vacuum Gauge
 Model number : TPI605
 Variant Model : TPI605BT

satisfies all the technical regulations applicable to the product within the scope of UK legislation below :
 S.I. 2016:1091 : Electromagnetic Compatibility Regulations 2016

Applied Technical Standard

EMC : EN 55032:2015(A11:2020)
 EN 55032:2017(A11:2020)
 EN IEC 61000-3-2:2019
 EN 61000-3-3:2013(A1:2019)

All essential testing sites have been carried out.

Manufacturer : SUMMIT
 Manufacturer address : 58, Gaetbeol-ro, Yeonsu-Gu, Incheon, Korea

Applicant : SUMMIT
 Applicant address : 58, Gaetbeol-ro, Yeonsu-Gu, Incheon, Korea
 Telephone / Fax : +82-32-850-8518(http://www.summitest.com)

This declaration is issued under the sole responsibility of the manufacturer and his authorised representative.

UK Authorised Representative
 Test Products International Europe Ltd
 Unit 6 Rutherford Way Industrial Est.
 Crawley, West Sussex
 RH10 9LN
 www.tpieuropa.com

Authorized signatory
 Name / Title : Heesun Won / Managing Director
 Date of issue : 04, October, 2022

The year code of the UKCA marking affixed to the product is 22.

CE

EU Declaration of Conformity
 According to EMC Directive 2014/30/EU

Applicant's Name : SUMMIT
 Applicant's Address : 58, Gaetbeol-ro, Yeonsu-Gu, Incheon, Korea
 Tel : 032-850-8518
 Email : kpwoo@summitest.com

Manufacturer's Name : SUMMIT
 Manufacturer's Address : 58, Gaetbeol-ro, Yeonsu-Gu, Incheon, Korea

Declares that the product:

Product Name : Digital Vacuum Gauge
 Base Model : TPI605
 Variant Model : TPI605BT

To which this declaration relates is in conformity with the following standard(s) or other normative document(s),

EN 55032:2015(A11:2020)	Limits and methods of measurement of radio disturbance characteristics of multimedia equipment
EN 55035:2017(A11:2020)	Electromagnetic compatibility of multimedia equipment – Immunity requirements
EN IEC 61000-3-2:2019	Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013(A1:2019)	Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

following the provisions of Directive(s),

2014/30/EU Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast) Text with EEA relevance.
 OJ L 206, 6.8.2019, p. 27-30 (BG, ES, CS, DA, DE, ET, EL, EN, FR, HR, IT, LV, LT, HU, MT, NL, PL, PT, RO, SK, SL, FI, SV)

Korea / 09. 15. 2022
 (Place and date of issue) (name and signature or equivalent making of authorized person)

EU Authorised Representative Test Products International (EU) LTD
 Ground Floor,
 71 Lower Baggot Street
 Dublin, D02 P593
 Ireland

Accuracy

Measurement.	Range	Resolution	Accuracy
Microns	0 - 50	1 Micron	+/- 10% of reading, + 10 digits
	151 - 400	5 Microns	
	401 - 500	10 Microns	
	501 - 1000	20 Microns	
	1001 - 2000	50 Microns	Unspecified
2001 - 12000	500 Microns		

MEASUREMENT TECHNIQUES

Install the TPI View on your smart device to take advantage of remote display and job management features.

1. Attach the 605BT to the system to be evacuated.
2. Select the desired unit of measure.
3. Start the vacuum pump and proceed to evacuate the system.
4. The displayed reading will be on the 605BT. When the 605BT is connected to the View app the readings can be seen on the smart device and stored in the job management feature of the app.

Please note: The 605BT will not start to display a reading until 12,000 microns (-29.4 inHg) is reached.

Microns	InHg below ATM
12000	29.47
10000	29.53
8000	29.69
4000	29.76
2000	29.84
1000	29.88
500	29.90
300	29.91
200	29.91
150	29.92
100	29.92
50	29.92
0	29.92

ACCESSORIES

<u>Item #</u>	<u>Description</u>
A009A	9 Volt Alkaline Battery
A606	Soft Carrying Pouch

MAINTENANCE

1. Clean the surface of the instrument and optical lens with a damp cloth.
2. Replace the 9 Volt battery when the low battery indicator appears on the LCD. Low battery indicator = “bAt” in display

TROUBLE SHOOTING

<u>Symptom</u>	<u>Probable Cause</u>
Display reads “-----”	<ul style="list-style-type: none">• Vacuum out of range• Low battery.• Clogged inlet.
605BT does not turn on.	<ul style="list-style-type: none">• Dead or low battery.• Defective POWER ON switch.
605BT displays bAt.	<ul style="list-style-type: none">• Broken battery connector.• Replace low battery.

WARRANTY

This product is warranted to the purchaser against defects in material and workmanship for three years from the date of purchase.

Covered by Warranty: Repair parts and labor; or replacement of the product at company's option. Normal transportation charges to the purchaser are also covered.

Not Covered by Warranty: Damages to the product which are the result of abuse, improper use or maintenance are not covered. Any other expense, consequential damages, incidental damages, or incidental expenses including damages to property are not covered.

Transportation expenses to the company are not covered.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

To Obtain Warranty Performance: Include with the product: your name, address, phone number, written description of the problem and proof of purchase date. Carefully package and return to your local office at one of the addresses on the back page.

Implied Warranties: Any implied warranties including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to three years from date of purchase. To the extent any provision of this warranty is prohibited by federal or state law and cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state

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