

# HYVAC PRODUCTS, INC.

MAIL: P.O. BOX 389 • PHOENIXVILLE, PA • 19460-0389 • U.S.A.

PLANT: 201 NORTH 5<sup>TH</sup> AVENUE • ROYERSFORD, PA • 19468 • U.S.A.

610-792-0500 PHN • 610-792-0600 FAX

EMAIL [jeff@hyvac.com](mailto:jeff@hyvac.com)

INTERNET [HTTP://WWW.HYVAC.COM](http://WWW.HYVAC.COM)

## DIGITAL GAUGE 100-TC

PART NUMBER: 94250

DIGITAL VACUUM GAUGE  
DIRECT READING IN MICRONS

- ACCURATE
- PORTABLE
- RUGGED
- FAST



### SPECIFICATIONS

RANGE, MICRONS	1 to 1999	SIZE	2 1/2" x 5"
RESOLUTION	1 micron	WEIGHT	1 lb.
TIME CONSTANT	300 milliseconds	SENSOR CONNECTION	1/8 MPT
POWER	115-230 VAC	SENSOR CABLE	10 feet

The DIGITAL Model 100 TC is a Digital Vacuum Instrument intended for laboratory, industrial refrigeration, and scientific use.

The 100 TC senses vacuum by measuring the temperature rise of an electrically heated fine-wire sensor exposed to a vacuum.

Its digital display reads vacuum in one micron increments from 1 to 1999 micron.

The 100 TC offers greater speed and better resolution and readability than analog (pointer) meter instruments presently in use.

Because all linearization and temperature compensation are done electronically, no user calibration or adjustment is ever necessary.

The rugged ABS plastic case and absence of moving parts make the 100 TC rugged enough to stand up to years of punishment in refrigeration field service use and other similar

applications.

The 100 TC's state of the art design includes a precision band-gap voltage reference, constant current filament excitation, CMOS devices, a liquid crystal display, a precision low drift amplifier, and an industry standard interchangeable vacuum sensor.

Because of its resolution, and fast response, the 100 TC is well suited for trouble shooting. The effect of small changes can be seen virtually instantaneously, and the readings are inherently free of parallax.

The instrument can be fitted with controller outputs and multi-probe switching. Consult factory for details.

The 100 TC is supplied with an AC wall adapter; probe cable, and a Hastings Gauge Tube Sensor.