

# VECTRA

Combining sleek, ergonomic design with cutting edge technology the Fowler/Trimos Vectra-Touch 600 electronic height gage is the result of over 30 years experience in dimensional measurement technology.

Originally: \$11,718.00

**Now: \$8990**

**Save: \$2728.00!**

## Features:

- Range: 24"/600mm
- Resolution: .00001"/0.0001mm
- Motorized carriage movement
- Full-color, touch screen with date, time and ambient temperature displayed.
- Swiss engineering and construction.
- Surface/Diameter/Centerline measurement
- Min/Max/Delta value
- Squareness/Angle measurement\*
- Motorized measurement sequences
- Temperature measurement/compensation\*
- Built-in pump provides air cushion to reduce wear and fatigue.
- Calculation mode
- Tolerances
- 2-D measuring mode
- Statistical analysis
- Online help
- USB/RS-232/Wireless communication\*

\*Requires optional attachments.

Order Number	Description
54-193-600	24"/600mm Vectra-Touch 600

For more information contact Fowler:

**1-800-788-2353**

E-mail: [sales@fvfowler.com](mailto:sales@fvfowler.com) • [www.fvfowler.com](http://www.fvfowler.com)

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TOUCH 600

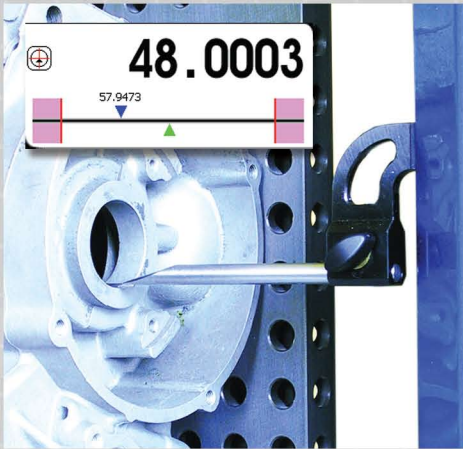
**Fowler**



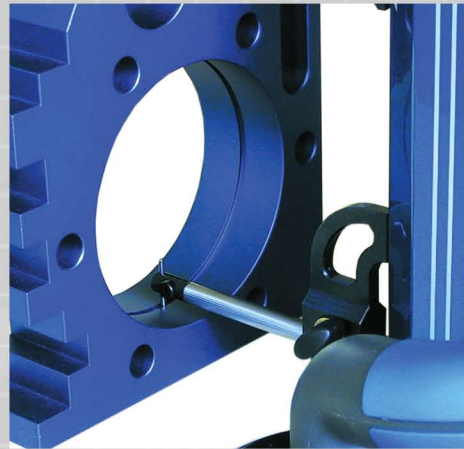
**USB**  
connectivity



# VECTRA TOUCH 600



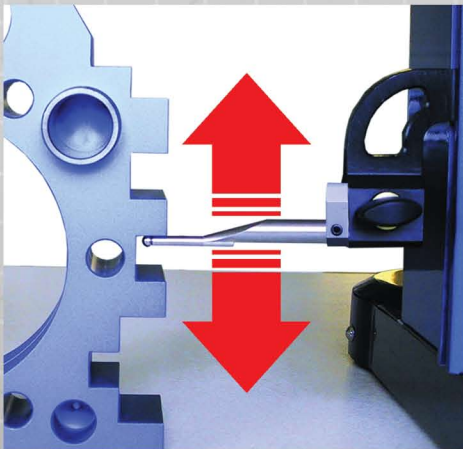
Diameter measurement with graphical assist using an optional measuring insert.



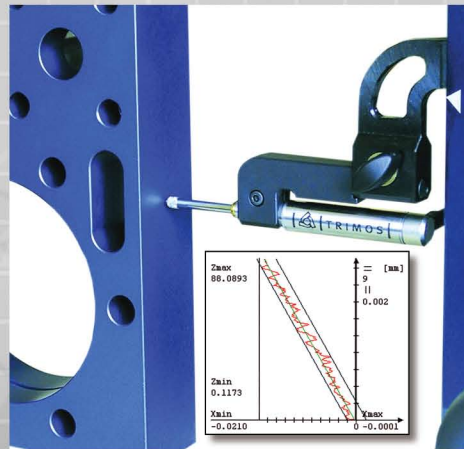
Diameter measurement of an internal groove using a measuring insert with a pin.



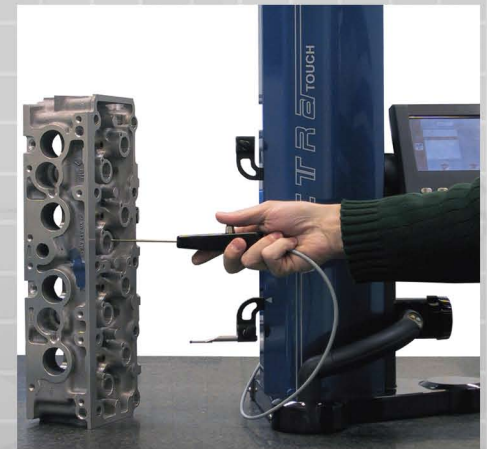
Angular measurement with graphical display.



Measurement with automatic displacement in programming mode.



Checking squareness using an optional electronic probe and color print-out of the curve.



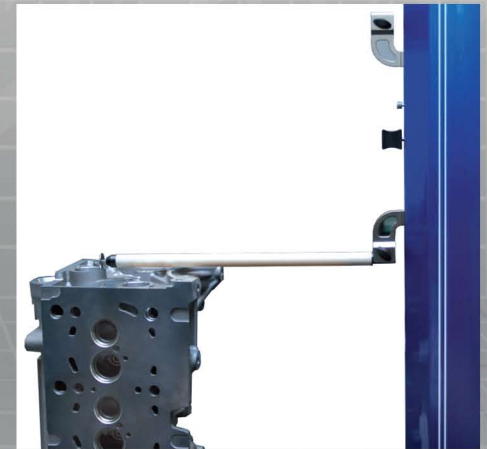
Measurement using temperature compensation system with optional sensor.

	A	B	C	D
1	1	CST	3.9794	mm
2	2	SUR	-153.7628	mm
3	3	ZERO	0	mm
4	4	SUR	24.0000	mm
5	5	SUR	17.0000	mm
6	6	CAL	0	mm
7	7	DIA	0	mm
8	8	CEN	0	mm
9	9	DIA	0	mm
10	10	CEN	0	mm
11	11	CEN	50	mm
12	12	CEN	3.8794	mm
13	13	CEN	66.3968	mm
14	14	CEN	0.0168	mm
15	15	CEN	89.98853	dg
16	16	CEN	0.0075	mm
17	17	SUR	-116.461	mm
18	18	ZERO	0	mm
19	19	ANG	44.88655	deg

Storage of all data to an external memory device.



Wireless communication by Bluetooth or WiFi (optional).



Standard probes up to 300mm (on special request up to 500mm).

## Vectra-Touch 600 (54-193-600) Specifications:

Measuring range:	24"/610mm	Squareness deviation:	.00024"
with 2nd probe holder:	34"/872mm	Power supply:	rechargeable battery pack
Resolution:	0.00001"/0.0001mm	Battery life:	8 hours
Max. permissible errors:	2+ L(mm)/400 µm	Available interface connections:	RS232C, USB
Repeatability:	.00004"/.00008"	Operational temperature:	50 to 104° F/10 to 40°C
Motorized carriage displacement speed:	150 mm/s	Total Height:	37.4"/950mm
Measuring force (adjustable):	0.5-1.8 N	Weight:	50.6lbs/23kg

The values of max. permissible error and repeatability are valid only when using the standard probe (measuring insert with tungsten carbide ball, 4mm L=90 mm), at temperature of 20±1 °C and relative humidity of 50± 5%.