



*Perfect for wheel
measuring and
setting up form tools
with FTC*



INFO

Sept 2010
Helicheck Basic 2

New measuring machine offers best price/performance ratio

The new HELICHECK BASIC 2 costs half as much as other machines in this class, yet measures complex profiles and control measurements like step lengths and diameters to within 1.5 microns (0.000,06"). This makes it the ideal machine for controlling form accuracy and speeding setup by measuring grinding wheels.

The machine is also perfect for WALTER's Form Tool Compensation (FTC), which automatically corrects for errors in tool profiles, thereby setting up on even tight tolerance tools like "Christmas tree" root form cutters within minutes. In addition to FTC, the machine is fully compatible with all of WALTER's measuring software, including QCM. So users can exchange programs with other HELICHECK machines.

Technical Data

- Length measuring capability (standard):
 - $E1 = 2.0 + L / 300 \mu\text{m}$
 - Optional camera offers $E1 = 1.4 + L / 300 \mu\text{m}$
- Max. Part Diameter: 320 mm (12.59 in.)
- Max. Part Length: 420 mm (16.53 in.)
- Repeatability: $< 1.5 \mu\text{m}$. Optionally $< 1.0 \mu\text{m}$
- Solid granite plate

Give us a call!
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