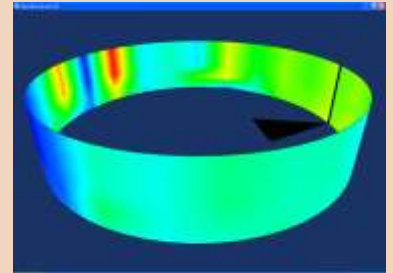
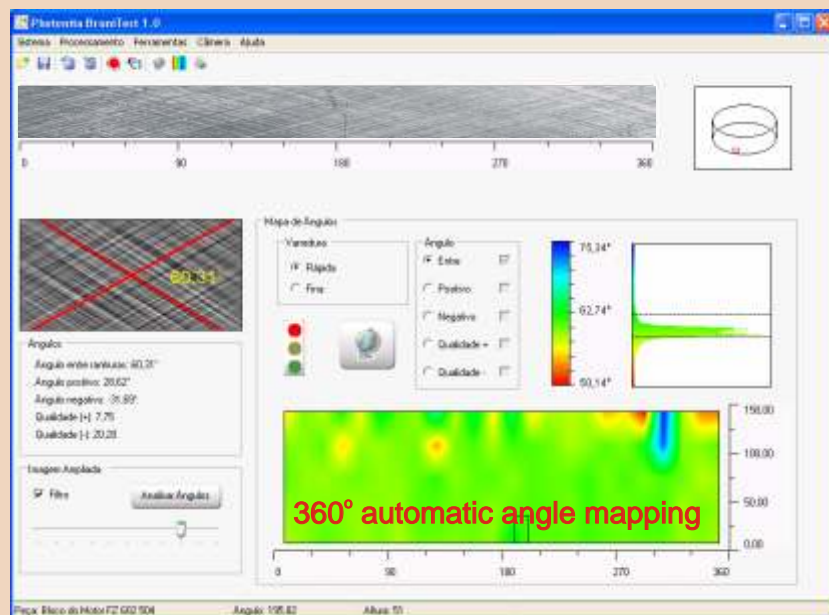


Photonita BruniTest

Optical System for inspection and 360° angle measurement in honed cylinders



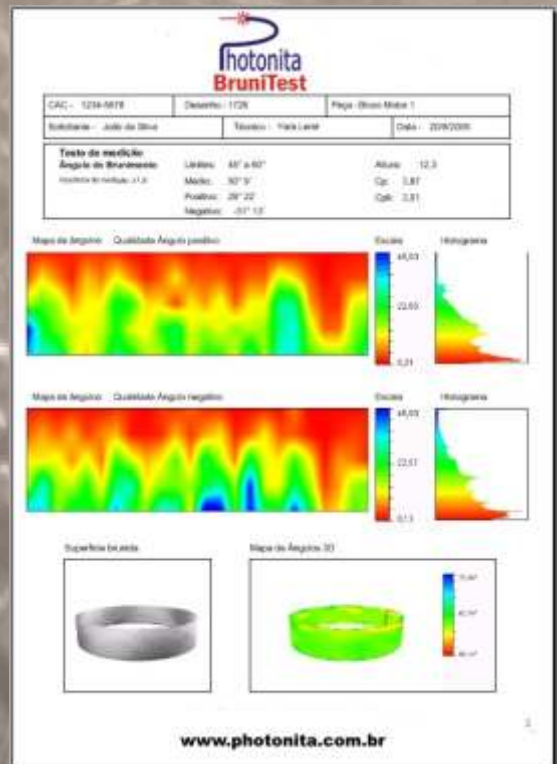
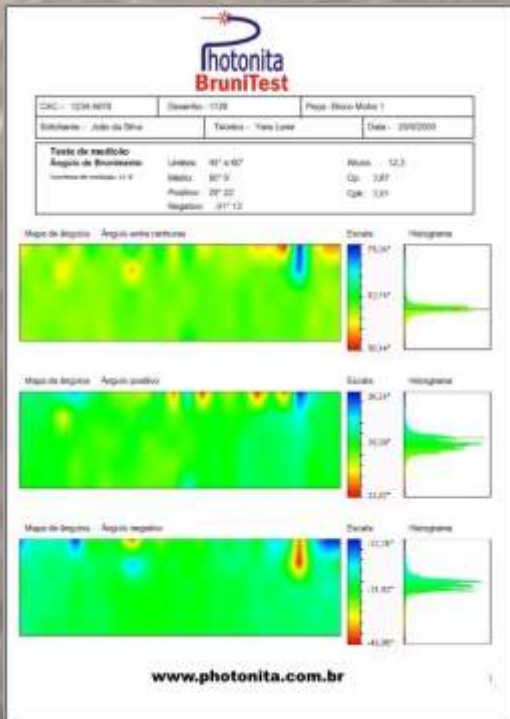
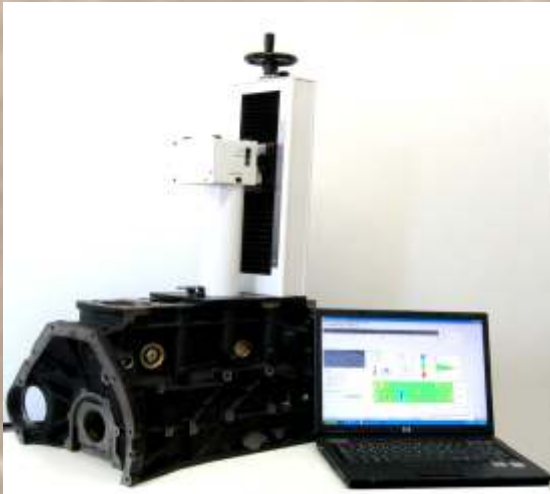
Portable and automated system for a fast and detailed inspection of honed surfaces in engine blocks, pumps, compressors, hydraulic components, bearings, etc..



Optical inspection with up to 100X magnification and automatic honing angle mapping at 360° of the cylinder bore.

Capabilities:

- Full 360° honning angle mapping for analysis over an entire area
- Detailed analysis with 100X magnification for visual search for defects
- No consuming material, neither laborious methods
- Manual or motorized Z axis, with 0-200 mm range
- Windows operation Software with fully automatic angle measurement between honning scratches
- Measurement of angle between scratches, angle between scratches and vertical/horizontal directions, and distances between scratches
- Detailed reports with angle histograms and tolerance bands
- Dimensional determination of defects and their position
- Image storage database



Photonita - Photonical Instruments for Technical Applications Inc.
 Rod. SC 401 km 1 Parque Tecnológico Alfa
 88.030-000 Florianópolis - SC Brazil
 Phone: +55 48 3239 2258 Fax: +55 48 3239 2257
 email: photonita@photonita.com.br