

- TECHNICAL SHEET: INTERFEROMETER WYKO 6000 NM -

Optical laboratory for flats.

WYKO interferometer attends several services such as flatness, parallelism and parts certification.



**CENTRO DE INVESTIGACIONES
EN OPTICA, A.C.**

Specifications and main features:

- WYKO technology for measuring specular surfaces of high quality.
- Nationwide, we have the only certified equipment for measuring optical flat and parallelism.
- We are the only with traceable to a primary National Physical Laboratory (NPL in England).

We offer non-contact testing with an accuracy up to $\lambda/20$

- We have a world class Interferometer that combines the best high-tech materials, to provide quality non-invasive last generation measurement
- Wide measurement range of 10mm up to 150 mm
- Software licensed VISION 32

Machine design:

- WYKO 6000
- Fizeau Laser Interferometer.
- Higher accuracy and precision of what our competitors can offer you.

Precision:

- 0.03 micrometers resolution
- 0.02 micrometers uncertainty

Industries with ample spectrum application:

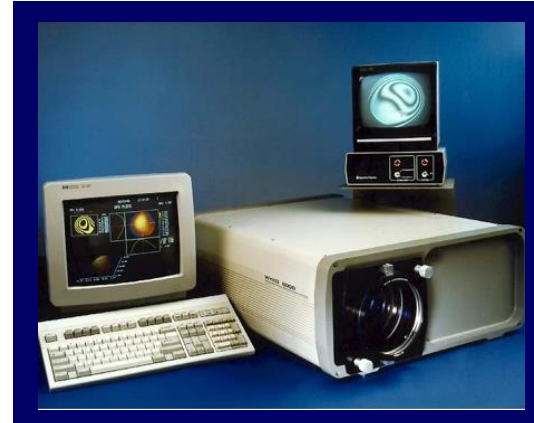
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| • Automotive | (FLEXTRONICS) |
| • Metalworking | (MITUTOYO) |
| • Aeronautics | (MANUFACTURERS AND TURBINES QUERÉTARO) |
| • Electric | (CONDUMEX) |
| • Optical | (CARL ZEISS) |
| • Petrochemical | (PEMEX) |
| • Food | (DANONE) |

We offer:

- Certification of optical flats and parallel.

We calibrate:

- Flatness and parallelism.



Accredited laboratory under the NMX-EC-17025-IMNC-2006 standard by the Mexican Accreditation Entity (ema) with accreditation number D-85 effective from 2009-10-21 in dimensional magnitude.