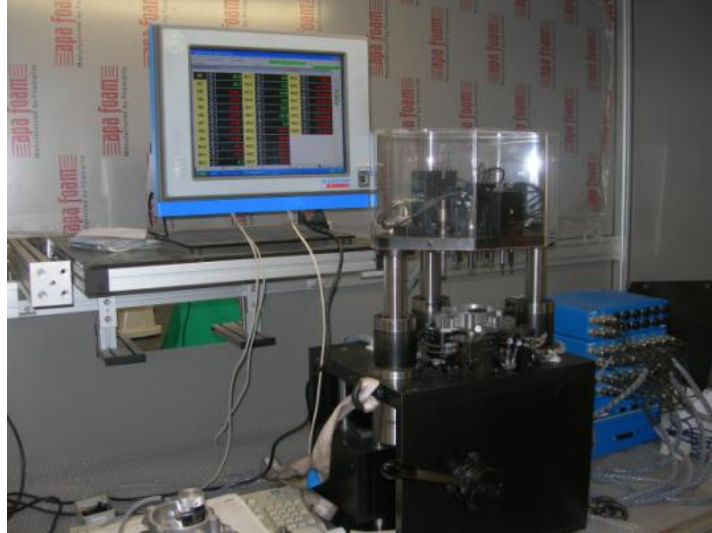


ROSFER

costruzioni meccaniche di alta precisione



Test equipment for automotive turbo-compressor

PROBLEM

Dimensional check of turbo-compressor body

FEATURES

- Very complex shape
- Evaluation of different metrological values (distance, perpendicularity, parallelism) with simultaneous multi-point measurements
- Dimension evaluated with one single operation: 37
- ISO tolerance of dimension to be checked: IT 7
- Measurement process capability: $Cgk > 2 - \% Bi < 5$
- Integration of mechanical probes with electronic for data acquisition and analysis
- Measurement strategy: ROSFER
- Design: ROSFER

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