



TECHNOLOGY  
**TQMitaca**

I N T E G R A T E D   S O L U T I O N S   F O R   M E A S U R I N G

## Brake discs – Itageo 6

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For the control of the brake discs TQM Itaca Technology has developed stations comprehensive of mechanics and software, called Itageo 6<sup>®</sup>. These stations, called [“Shop floor roundness machines”](#), measure the brake discs with the same logic of a laboratory roundness machine, obtaining comparable results with cycle time of about 10 seconds (measuring cycle). The management of more probes at the same time allows to have very complex control plans without influencing the cycle times. It's also provided the automatic management of the verification and of the zero setting of the master for the control of the stability of the gauge. The measuring cycle is completely automatic, also in the version with manual load/unload. The stations can be retooled, and they can be integrated with FRF control (Natural vibration frequencies), marking systems in order to guarantee the traceability at 100%, and the cracks detection with Eddy Current technology. Different configurations of the machinery are available for the insertion of the gauge in every type of production line. The stations can be served by anthropomorphic robot or supplied with a load/unload portal.

The diagram shows the characteristics which can be measured by the gauges Itageo 6<sup>®</sup>

