The software Itageo 6

Itageo 6© is the most innovative software for the management of the automatic control stations for brake discs. It's able to manage the following functions:

1. management of the dynamic, geometric and dimensional measurements of brake discs and brake drums.
2. control of the production process.
3. data saving in SQL database, with fully network functionality.
4. possibility to make a remote real time monitoring.
5. management of remote tele-assistance.
6. dialogue with external devices (load robot, marking machines, processing machines, etc...).
7. management of the marking of the pieces and traceability.

Main characteristics:

- Immediate and visual configuration of the station
- Creation of control plans with rapid and intuitive graphic support
- Definition of complex characteristics using the selection of the probes from the picture
- User interface totally configurable: simple and immediate, with the global result of the test (green for good, red for reject and yellow for uncertain) and the punctual values for each characteristic of the control plan
- Possibility to display up to 6 graphics for the critical sections
- Display of complex geometrical characteristics in 3D mode
- Control of the interrupted surfaces (for example in correspondance with fixing holes). By inserting the parameter "number of interruptions", Itageo 6© identifies the interruption areas and excludes them from the analysis
- Itageo 6© uses an algorithm for the compensation of the errors of the mandrel perpendicularity. In this mode, the values of the run-out and of the ondulation of the braking surfaces are real, and they are not influenced by the rotation system
- Harmonic Analysis (Fourier Analysis) with possibility to verify each harmonic, each with its tolerance
- Settable cut-off filter of the harmonics of high frequency (normally 0-50 Hz)
- Settable dirty filter
- Possibility to configure the harmonics and dirty filters for each section of the control plan
- Generation of an univocal Id code for the piece, in case of control with posistive result, and transmission of the code to the markig machine for the printing on the disc
- Saving in database of measurements + profiles + Id piece. It guarantees the traceability one by one
- Automatic management of the cycle of Master Verification and Master Zero Setting
- Possibility of monitoring in real time all the measuring stations connected to the network, from any network PC on which is installed the software Italarm
- Management of remote tele-assistance

TECHNOLOGY

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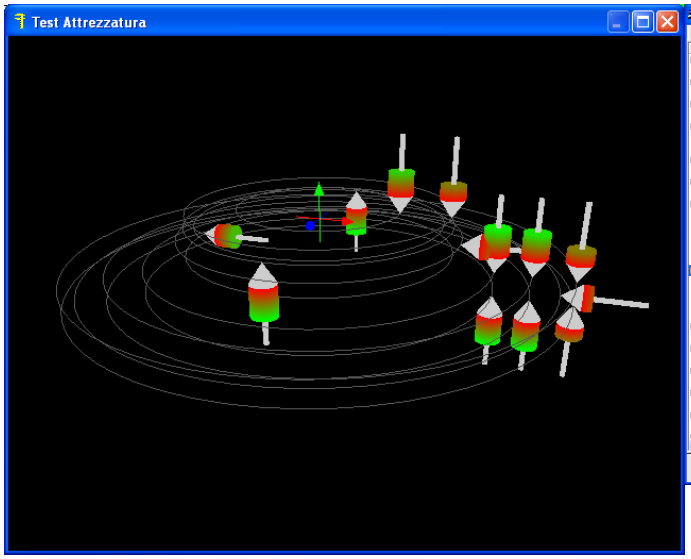
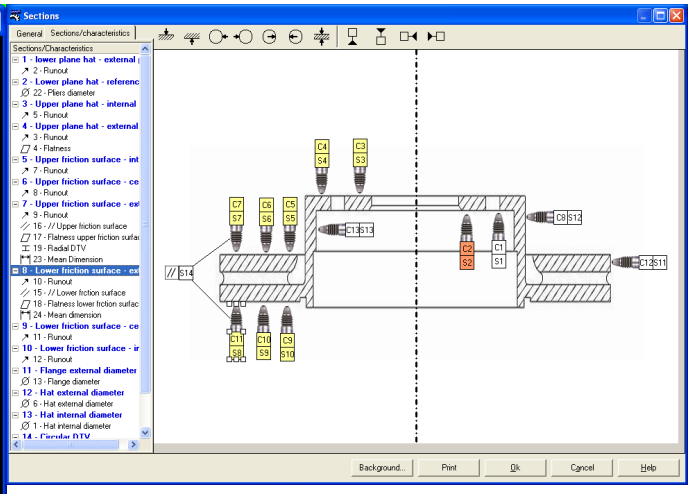
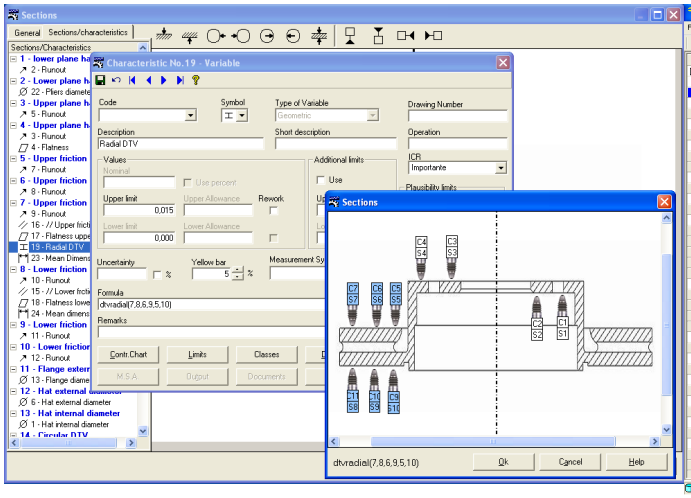
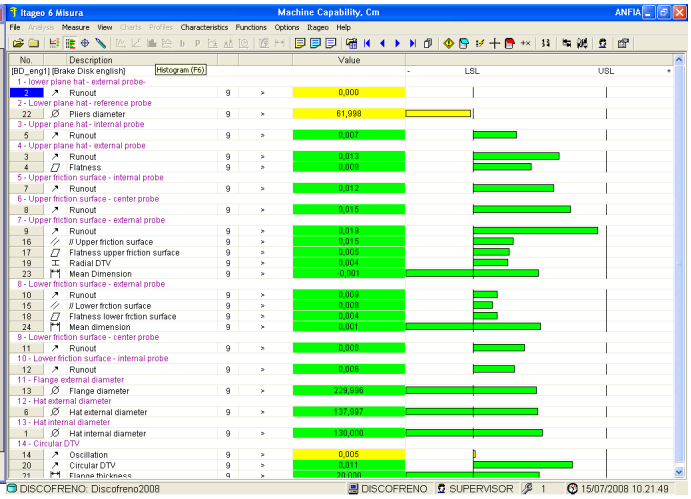
INTEGRATED SOLUTIONS FOR MEASURING

The software Itageo 6









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