

LED50

*Camera control system
for compression springs*

Target : quality on machine board



MicroStudio

Solutions for the quality

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LED50 *Camera control system*

Accuracy and reliability: due to continuous improving of the performances and the using of high quality components, the LED50 tester is today an extremely reliable and accurate solution for the spring manufacturing control even if in unfavourable rooms and under the highest production speed. The realisation is very close and the professional quality of connectors and the absence of hard disk or other movable parts eliminate the risk of wear and the danger of vibration sensibility. It is an highly innovative product, that has unpublished solutions with first quality performances.

Versatility: a reach range of accessories, that has been suggested from hundreds of installations, permits the use of LED systems on any coiling machine. An auxiliary output provides for the control of accessories and peripheral equipments.

Functionality: the LED instruments test in production the length and the outside diameter of the springs and select the parts that are not in accordance with the tolerances, giving a set of complete statistical data.

Due to touch screen and a particularly accurate graphics, the use of these gauges are awfully simple and intuitive, for untrained operators as well.

Speed: The LED50 gauge has practically no speed limit and it can control without restriction the most extreme production.

All under control: these gauges are able to give a full statistical analyse of the whole production through the LED50STAT program, a real supervisor of productivity.

<i>Technical features</i>	
Power supply	Universal: 100-240 Vac 200 W
Human interface	Industrial LCD / TFT touch screen
Operative system	Windows XP embedded
Dimensions	350x300x200 (280) mm
Sorters output	a 2, 3, 5 ways
Output for springs suction system on sorter	With EJ-P sorters suitable
Optics	10x, 15x, 20x or for micro springs as you like

LEDCAM *Electronic cam*

LEDCAM is an innovative equipment, that permits the ELIMINATION OF THE CAMS that move the coiling points on mechanical coiling machines

Simplicity: The system is very easy to install: few minutes are enough to add a controlled axle in the movement of the coiling point; this eliminates all the problems in the manufacturing of conical springs, or simpler for the correction of each coil in cylindrical springs

A BRIGHT Programming!!

The programming is very simple and intuitive, it is based on a graphical cam on the screen and it does not require calculations.

It is intelligible even from a not experienced operator

Simple and immediate settlements: The cams require continuous adjustments and corrections. LEDCAM permits the variation of the parameters in a very short time with an immediate application, instead of the use of very thin and complicate mechanical parts.

Storage and availability of data: It is possible to store data in files that have the same identification of the pieces: in this way the operator has easily at disposal all the parameters to remake the spring.

At the moment the system is available for a limited range of coiling machines: please, ask for the up-to-date list.

