

# LED2D

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## *Full automatic camera profile projector*

*By measuring the dimensions freely with  
the best security in accuracy*



**MicroStudio**

**Solutions for the quality**

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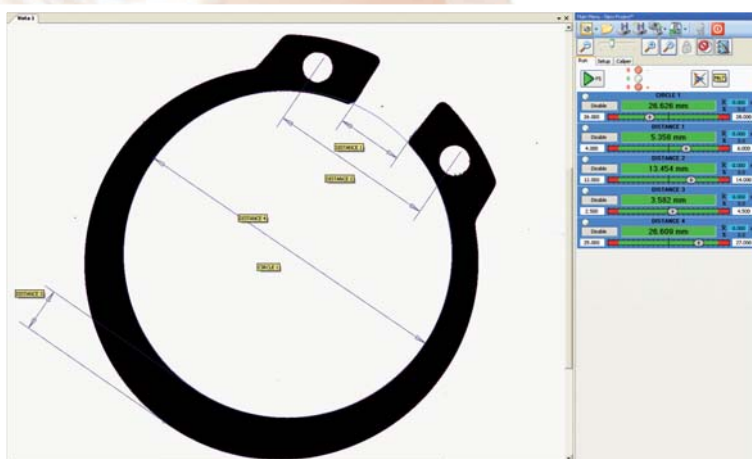
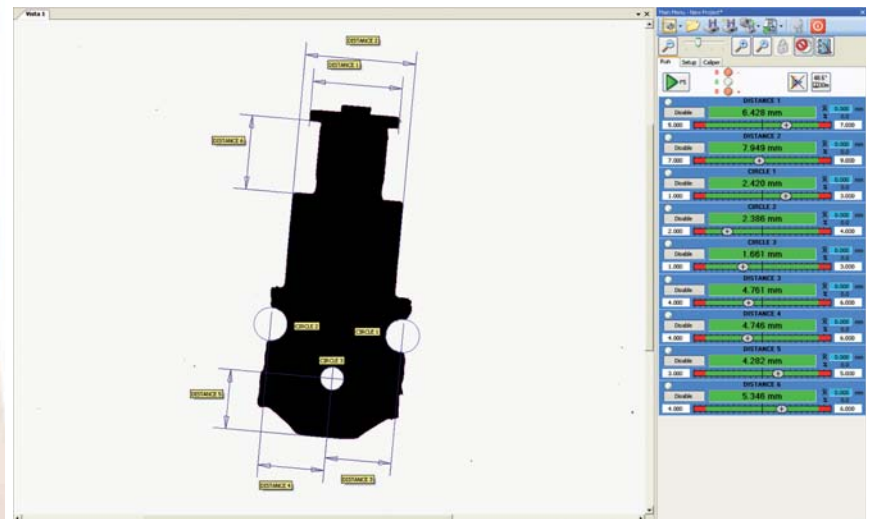
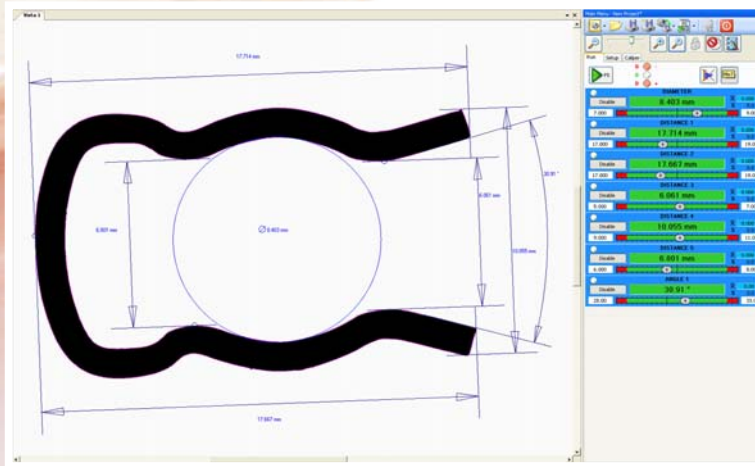
By leaning the part only, without aligning whatsoever, the software provides immediately any wished measurement.

It is possible to give nominal values and tolerances; the results and statistical values are saved, stored and managed from MicroStudio PmaR software.

**The velocity:** The operator gets this in few tenth of a second. This justifies the use of the LED2D as a gauge for repetitive tests or for the full control (100%) of the production.

**Positioning equipments:** Are not necessary; the first tested part is the due mask.

**The specialisation of the operator:** Is not required. Using and programming the gauge is very simple and intuitive.

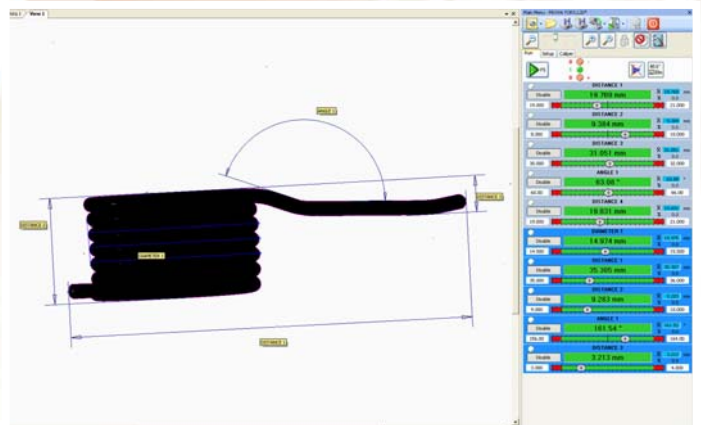
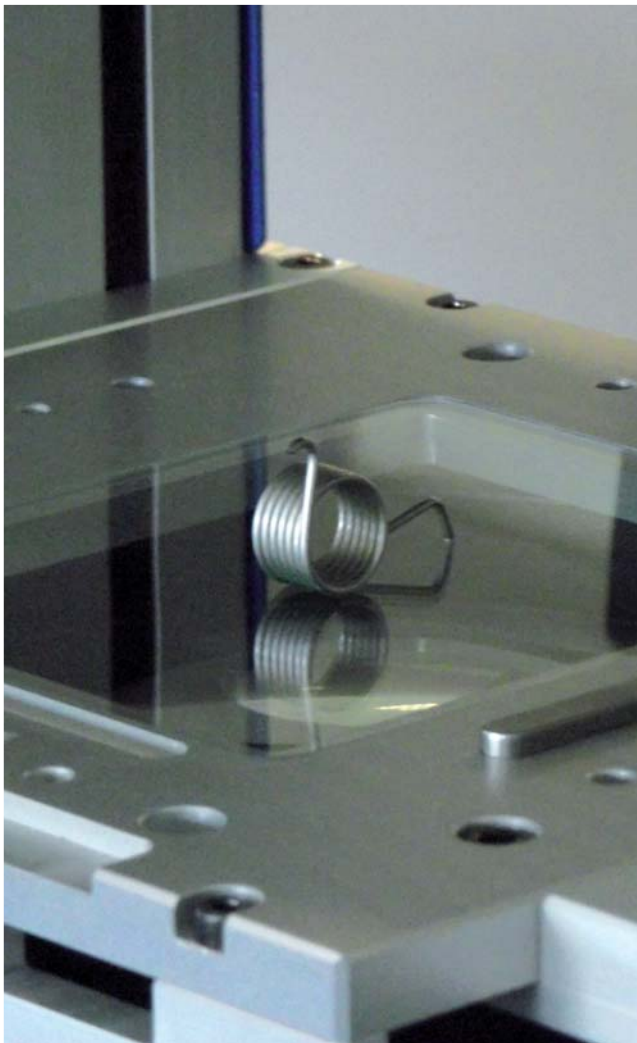
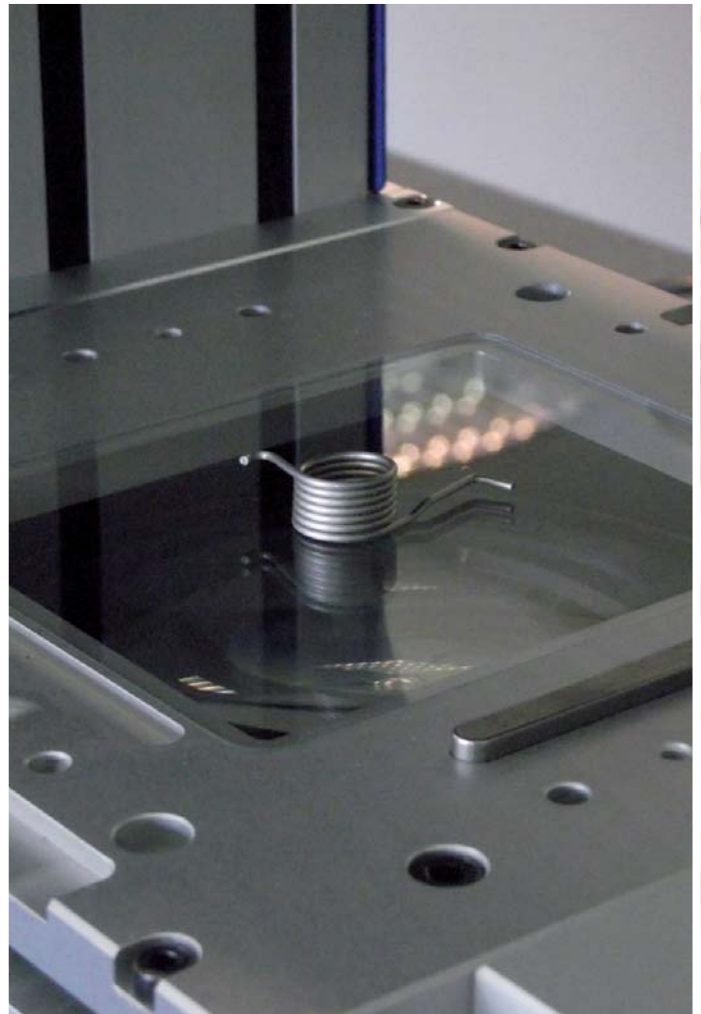
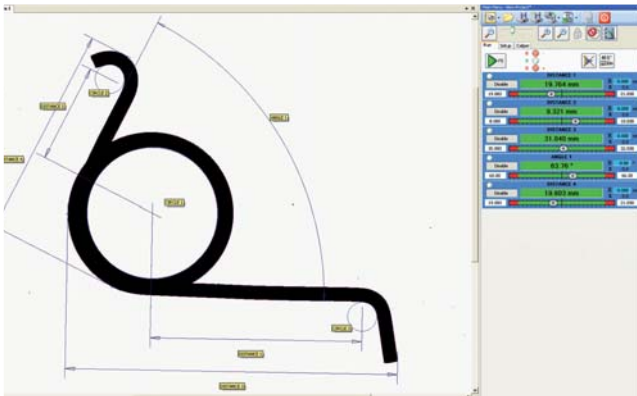


### Functionality

- Automatic measurements (as above)
- Direct measurements as from traditional profile projector
- Export of the drawing of the profile in CAD or DXF format
- Use of "virtual tracing paper" on monitor
- Functionality with virtual cameras to control the different angles of view of the part

### Technical features

- Power supply: 230 Vac - 200 W
- PC: industrial LCD 22" TFT
- Operative system: Windows XP prof/Windows 7
- LED2D-100 Dimensions: 320x500x1000H mm + monitor
- LED2D-140 Dimensions: 1050x550x1700H mm





**LED2D-100**



**LED2D-140**

<b>Model</b>	<b>Field of view</b>	<b>Test accuracy*</b>	<b>Smallest allowable thickness**</b>
<b>LED2D-64</b>	61x51 mm	0,008 mm + 0,05%	0,15 mm
<b>LED2D-100</b>	90x75 mm	0,01 mm + 0,05%	0,25 mm
<b>LED2D-140</b>	138x115 mm	0,01 mm + 0,05%	0,3 mm

\* By using sharp and straight parts

\*\* Smallest allowable thickness recommended to avoid the accuracy deterioration

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