

we keep an eye on your quality

PATTERN CHECKER PC 5000 EL

ibea has developed this „Pattern Checker“ specially for the production of endless materials or sheet materials (e.g. metal sheets).

Thereby ibea focused on developing high quality processing in combination with a clear and simple operator software. Especially important for us was the modular build-up to enable an individual response to the requirements of each project on site.

The PC 5000 EL offers many more features and offers excellent value for money.

Applications e.g.:

- Pattern inspection
- Print design inspection
- Determination of positioning
- Color deviations e.t.c.



Details:

- Maintenance free
- Long life-time
- Individual produced systems according to client requirements
- Simple Integration into existing processes on site
- Network-compatible and therefore remote control operating possible
- Annealed, long-life ibea LED slit-lamp, which illuminates up to 5000 W/m², consisting of 24 single segments with a max. length of 3 meter.
- Feed rate up to 6 m/sec. possible on a width of max. 3 m.
- High resolution line scan camera with 2.000, 4.000 or 8.000 Pixel (Connectors for up to 4 cameras in B/W or Color possible)
- Sectional and overlapping image recording

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Details:

- Automatic begin/end recognition and consolidation of all image fields for faultless inspection and analysis (up to 1 Pixel accuracy)
- Evaluation by means of differential image calculation
- Color measurement with ibea white light line illumination possible
- Vis-3 computer based on Q4
- SAP link-up possible
- Easy and quick inspection of new products with the ibea „Teach In Application“
- Access during realtime operation possible anytime, also via network
- Hard Disc with change-over frame
- Cabinet with either 1850 mm or 1100 mm height
- 17 inch TFT Monitor, Keyboard and Mouse
- Direct connectors for light (slit lamp), camera, angle transmitter and Trigger
- Integrated statistic and analysis tool
- Up to 3 options for discharge provided
- Voltage 230 V and 6 A
- Compressed air connection with 6bar
- 2 inputs / 6 outputs OC 24 V
- Triggering via Rs 232 Interface
- Ethernet and USB adapter possibility

If you have any further questions or wish to visit us, please contact our sales team. We look forward to advising you personally.

