

emco IAS Press Marks Tester

**Device for measuring the
Press Marks (imprinting) of cigarette papers**



The visual appearance and functionality of cigarette paper modified through linear imprinting which are called Press Marks. The quality of this imprinting is characterized by four parameters:

- Intensity of Press Marks
- Mean distance of Press Marks in μm
- Mean width of Press Marks in μm
- Homogeneity of paper in reflected light (formation)

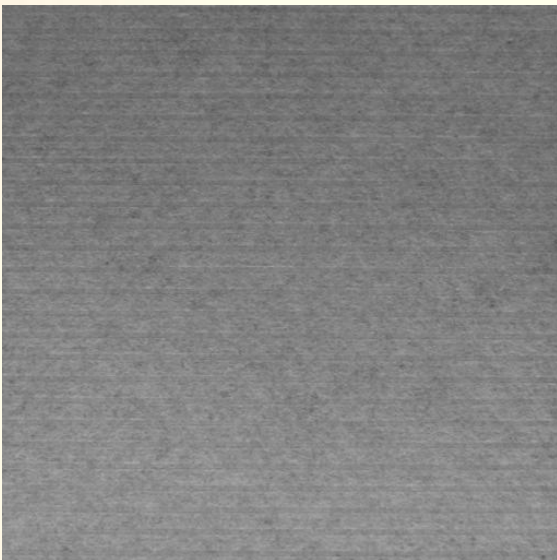
These parameters will be determined by original algorithm from Dr. Hermann Praast, Darmstadt, with the Press Marks Tester.

Design and functionality

In an incident light system a paper sample is illuminated and captured by a CCD camera. Brighter and darker areas become visible. The high-contrast image is digitized and analyzed. The device is calibrated and give reproducible results. The device check can be done at any time independently using standards.

Application

Quality control in papermaking and paper converting industry



Weak imprinting



Strong imprinting

Technical data

Camera (reflected light)

Dimension (HxWxL): 400 mm x 360 mm x 470 mm / 12.5 kg

Measuring field: 12 mm x 12 mm or 24 mm x 24 mm

Scope of supply (camera applications)

Calibrated device with certificate,
frame grabber, software, PC