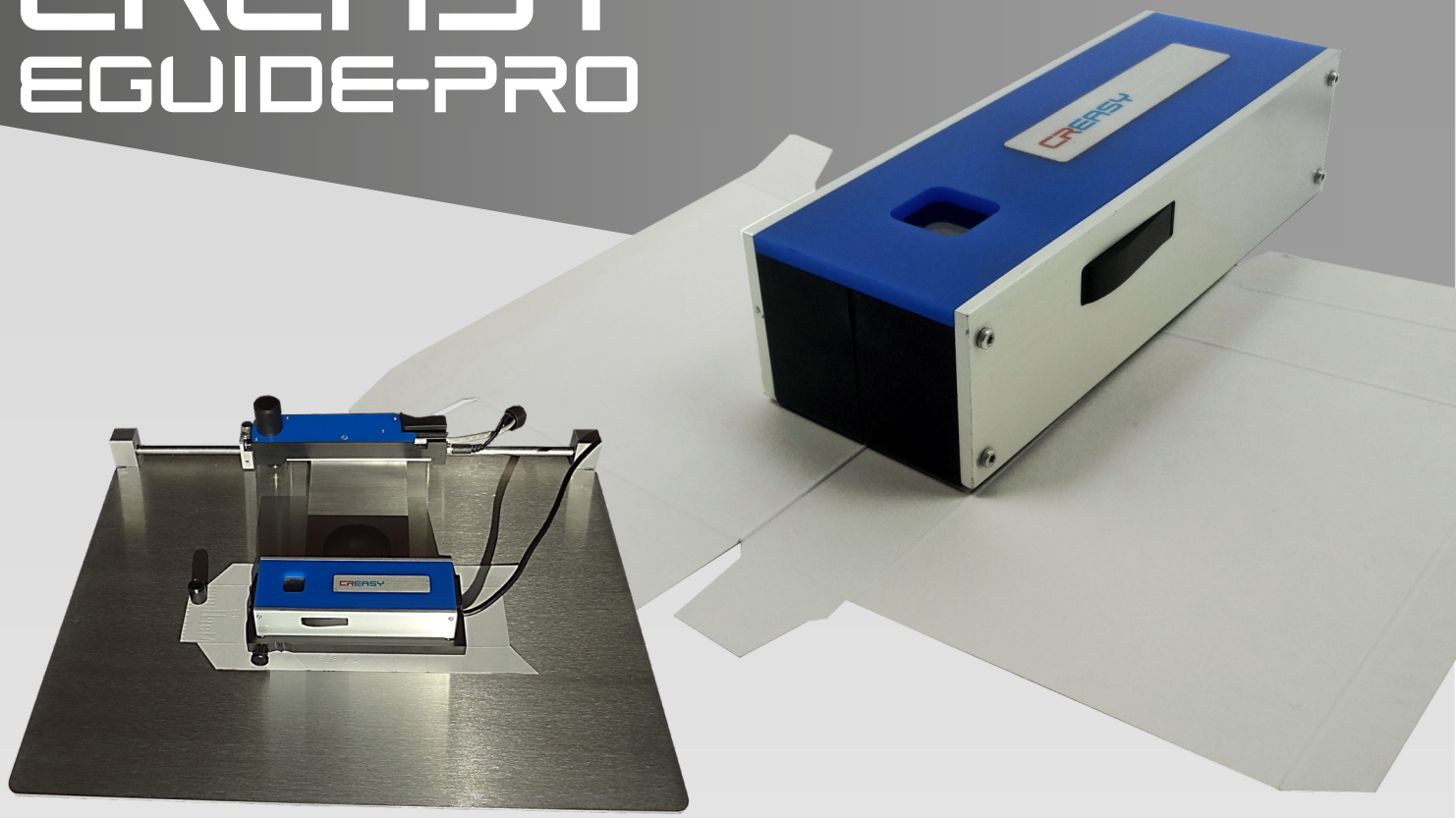
www.peret.it

HIGH END SOLUTIONS for PREPRESS, PRINT and PACKAGING

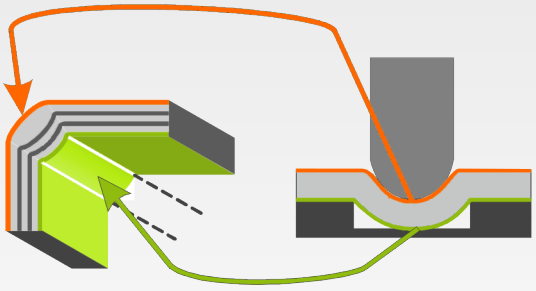
CREASY
EGUIDE-PRO



CREASY Folding Creasing Embossing Cutting Analyzer

The box making is a complex process. The CREASY can help you to properly setup your machine parameters to obtain perfect and constant crease lines. As a consequence your folding and gluing process will perform well. The boxes will perform well on your filling machine.

The EGUIDE-PRO2 is the optional scanning tool to analyze the embossing depth. The EGUIDE-PRO can scan a 9x70mm large area and automatically calculates the embossing depth in microns.



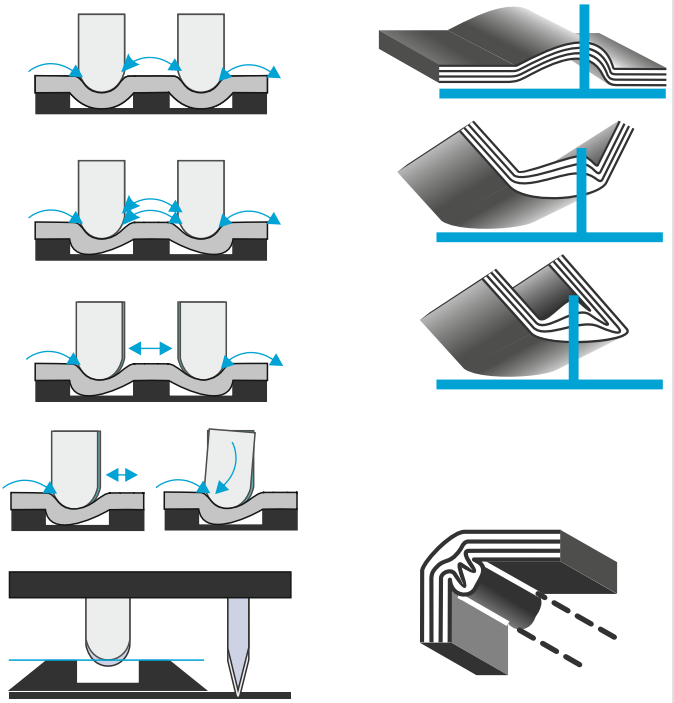
PERET GmbH/Srl
Forch Str. 6
39042 Vahrn, ITALY
www.peret.it info@peret.it

CONVERTING

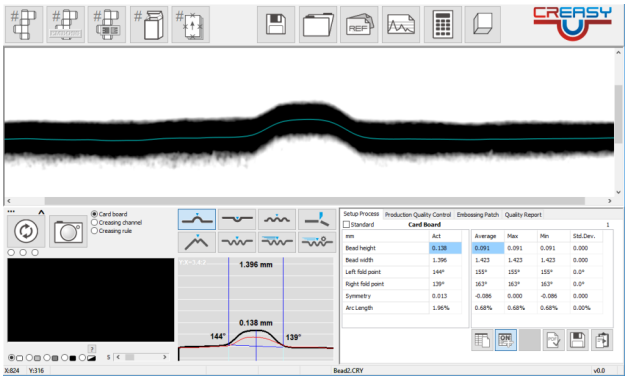
CREASY

Folding Creasing Analyzer

THE CREASING PROCESS



SOFTWARE

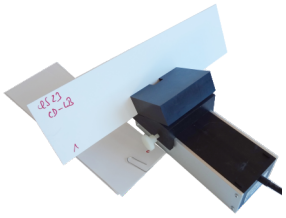


Parameter	Value
Viewing area	~1 cm across the crease
Measurement range height/dept	-0.40 mm .. +0.65 mm
Illumination	White LED
Camera	BW / 1,3 Mpixel
Communication	USB 2.0
Power Supply	USB 2.0 high power
Accuracy	+/- 0.003mm
Repeatability	+/- 0.003mm
Measurement time typ.	1 second
Size	3.8cm * 5cm * 14cm
Units	Inch / mm
Calibration / Verification	Target included

Folding and Cutting



The easy way to align a finished box properly for folding angle measurement



$$Ra = \frac{1}{n}\sum_{k=1}^{n}(|z_k - D_k|)$$

$$Rq = \sqrt{\frac{1}{n}\sum_{k=1}^{n}(z_k - D_k)^2}$$

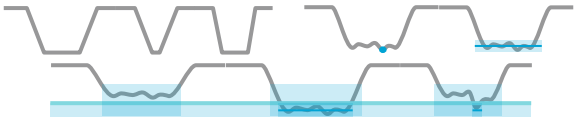
$$Rz = \frac{1}{5}\sum_{i=0}^{4}(\max(z_k) - \min(z_k))\left(k = i * \frac{n}{6} + \frac{n}{12} \middle| (i+1) * \frac{n}{6} + \frac{n}{12}\right)$$



Measure the sharpness of cutting edges to reduce the dust in the press room.

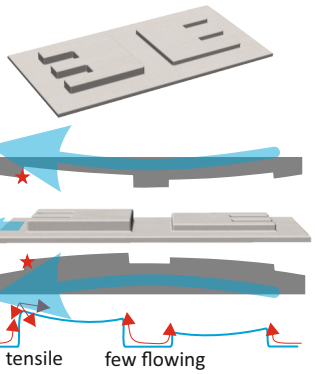
- Bead height,
- Bead widht
- Folding angles
- Crease
- Beveled Edge
- Round Corner
- Laser Crease
- Scoring
- Cutting

Embossing



The Cardboard is a rough material i.e. the embossing depth is expressed as the average of the embossing floor excluding the shoulder areas.













high tensile stress

few flowing material

Measure the embossing patch to control the stability of your embossing process

CONVERTING PERET