



Emboss Analyzer™

An effective system to control the embossing process in converting lines

Unbiased measuring

By using EQC system, operator bias in analyzing samples for embossing quality is removed. Correlated quality rankings can be achieved on different machines, regardless of operator.

Non-manual process

The system is a mobile, standalone system based on Papertech's MUV-e cart. It enables the converting line to quickly and accurately detect variations in the quality of the embossing process. It consists of a sample analyzer attached to the operator station and it's suitable to operate in harsh environments.

Emboss Analyzer™ takes a picture of a sample and rates it against a gold standard which represents the desired quality. The results are displayed as Target, Action or Reject. (See images on next page)

Emboss Analyzer™ is capable of measuring a wide range of embossing qualities, from very poor to excellent with a high degree of accuracy.

Able to document processes

- Produces measureable results as it utilizes a reference
- image (gold standard)
- Allows process optimization
- Easy to operate



side view

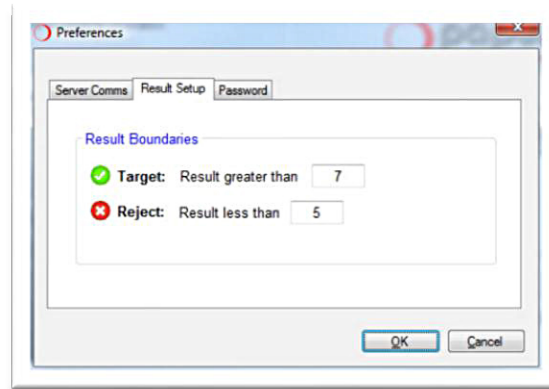
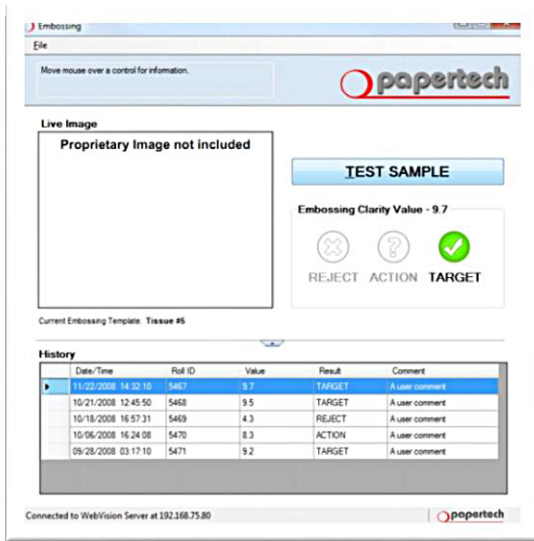


top view



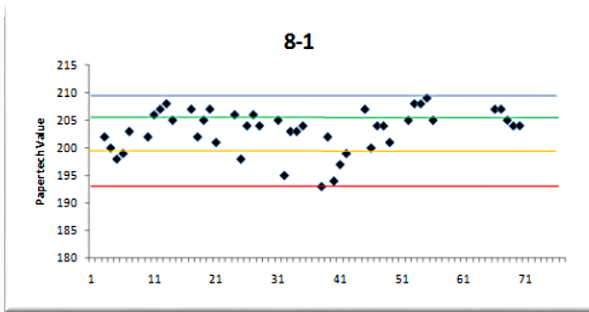
- Effectively detects variations in the embossing process
 - Capable of measuring a wide range of embossing clarity values.
 - Highest degree of accuracy
 - Designed to operate in harsh environments
- Easy setup and calibration

Embossing Analyzer Screenshots



The image above shows one of the settings screens where the clarity rank grouping is defined.

- Target: Results greater than 7
- Action: Results between 7 and 5
- Reject: Results below 5



The top line (blue) corresponds to the clarity box value of 4, which is the gold standard.

The second line (green) is the current target value.

The third line (orange) corresponds to a clarity box value of 2, which is considered the action limit.

The bottom line (red) corresponds to a clarity box value of 1, which is currently considered the reject limit.