

SoftVision® Braille

Smart Inspection System for Braille Printing & Embossing

- ✓ Instant, high-accuracy Braille inspection with no sample prep.
- ✓ Automated PDF/ERP verification for seamless, error-free quality control.
- ✓ 3D machine vision with stereo camera and blue LED structured light.
- ✓ Compact measuring system with high accuracy that can easily be placed on the workbench.

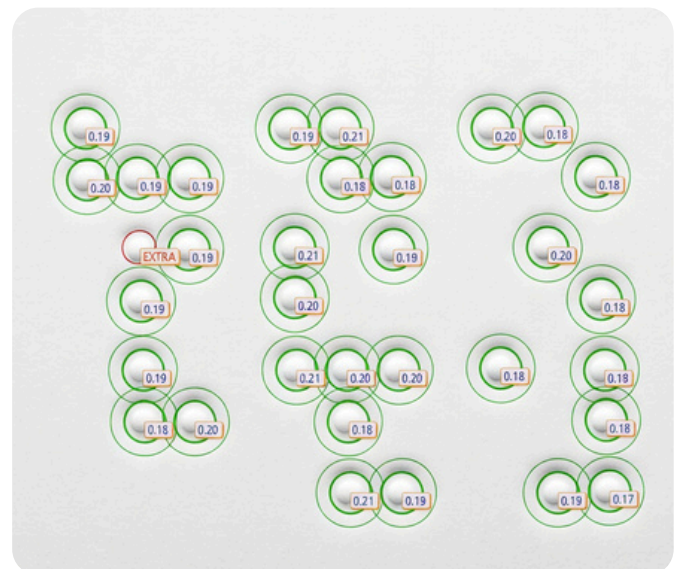


Where Accuracy Meets Simplicity

SoftVision® Braille is an advanced and highly reliable system for measurement and quality inspection of Braille on carton packaging material. No need for sample preparations, just simply place the entire capsule on the measuring surface to inspect the Braille dots. The system compares the capsule according to Braille artwork as PDF-file by fetching information from customer's ERP-system. Its compact design makes it easy to place on the workbench close to the die-cut machine. Measuring height of Braille dots with an accuracy of 0.02 mm.

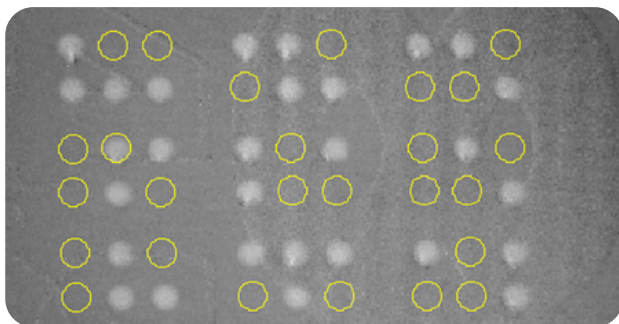
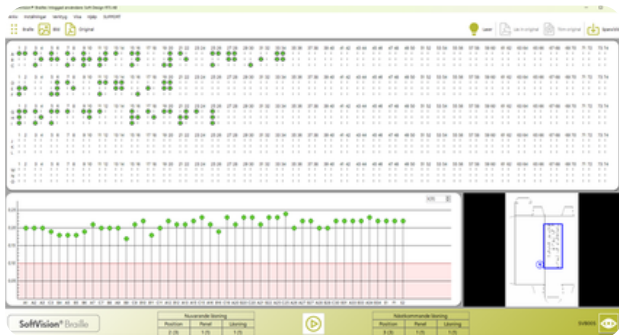
Technical specifications:

Height measurement accuracy	+/- 0.02 mm
Reading area	150 X 100 mm
Size (W, H, D)	300 X 470 X 400 mm
Operator HMI	Touch screen
Operating system	Windows 11 Pro



Key Features

- ✓ **Quick job setup:** The system features an embedded barcode scanner that imports all job information from the customer's ERP system, including end-customer, Braille artwork, number of panels, and ups.
- ✓ **Guided inspection:** Operators are guided through the inspection process, with Braille reading order displayed for multiple panels per capsule.
- ✓ **Comprehensive reporting:** A detailed report is generated for each inspection, including job, customer, and Braille measurement data. Reports can be signed directly on the touchscreen, saved as PDF, or printed.
- ✓ **Easy alignment:** Laser pointers mark the reading area, simplifying capsule placement, while larger panels can be measured in multiple steps.



- ✓ **Clear results:** Inspection results are displayed on-screen as cards and graphs, with dots outside tolerance highlighted in red. Detailed camera images allow in-depth review of measured dot heights and failures.
- ✓ **Quality checks:** The system verifies that no extra points or characters exist beyond the original Braille artwork.
- ✓ **Built-in calibration:** Daily requalification ensures measuring accuracy. Parameters are compared according to ISO 17351 Marburg Medium standard.
- ✓ **Audit Trail:** All key events, such as parameter changes and inspections, are logged for full traceability.

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