

FLEXIBLE TEST SYSTEM

EOL TESTER FOR MASKS

QUALITY IS THE TOP PRIORITY

WE AUT  MATE YOUR WORLD

EN





TECHNOLOGY FROM PIA

PIA - EOL TESTER FOR FACE MASKS

Test systems from PIA Automation are implemented in numerous industries and set high standards in terms of precision and quality. Independent of fully automated test concepts with low cycle times, PIA's product and service range now also covers mask test systems. With many years of experience in the field of automated assembly and testing of medical devices, PIA Automation is predestined for your individual applications.

This compact solution can be implemented into an existing system with little effort. The extended testing module does not influence the machine performance and facilitates quality testing.

Process workflow: The masks will be fed to the testing module through the existing outfeed conveyor. A camera arranged vertically checks the folding, the welding quality and the presence of the nose wire by transmitted light. The mask will be transferred to a second belt drive and the ear band and edge welds will be checked. IO masks are placed on the outfeed belt with the usual stacking unit. NIO mask are being discharged into a NIO box via a foldable NIO output.

Convince yourself and have your produced masks checked automatically!

ADVANTAGES

- Development, production, support and know-how from one source (one-stop-shopping)
- Retrofit table concept
- Compact design
- Renowned vision system in use - **KEYENCE**
- Automatic bad part separation
- Accessibility still guaranteed via safety gate



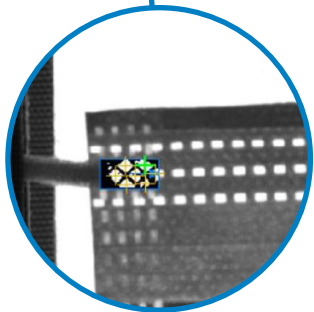
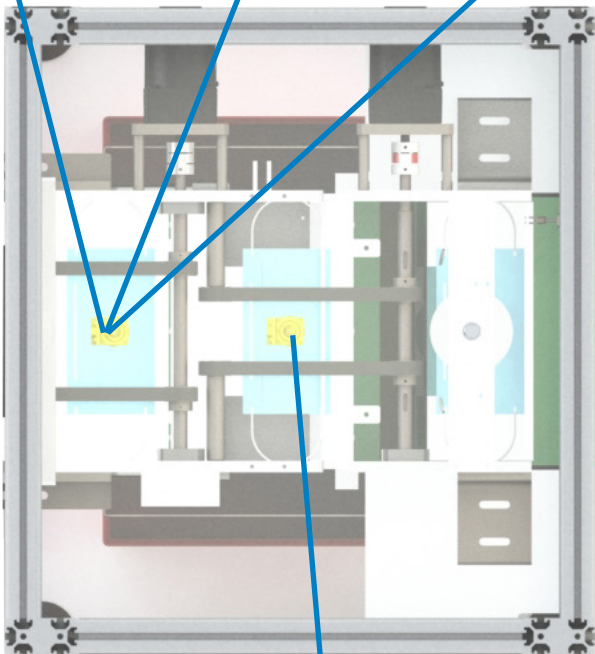
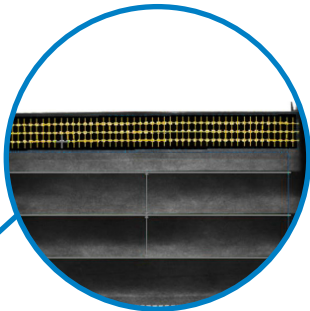
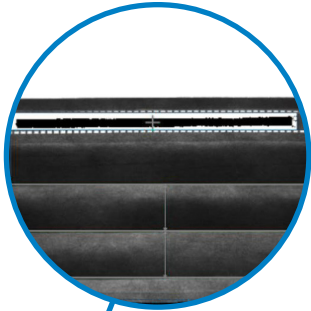
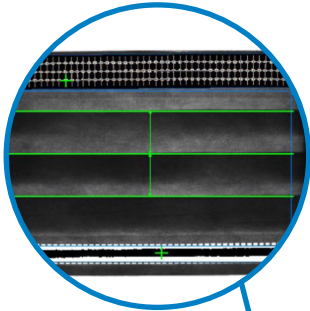
TECHNICAL DATA AND CONDITIONS

- Module dimensions
(WxHxD) 640 mm x 1500 mm x 700 mm
- Camera CA-H200M
(2 Megapixel, image resolution 1600x1200 pixels)
- Connections (power supply, Ethernet, compressed air)
- Delivery time approx. 3 months
- Downtime of module 20+30 due to on-site modification approx. 3-4 days
- Delivery FCA (within Germany)

CHECK PRESENCE AND POSITION OF NOSE WIRE

TESTING QUALITY OF CIRCUMFERENTIAL ULTRASONIC WELDING

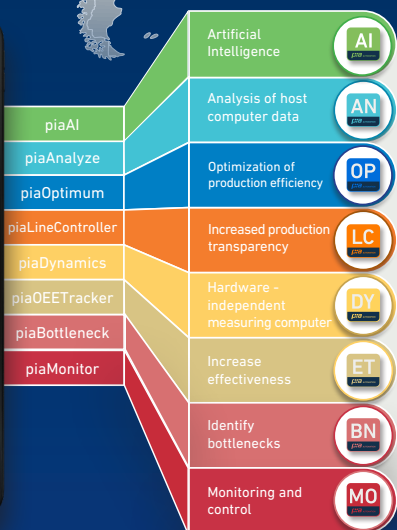
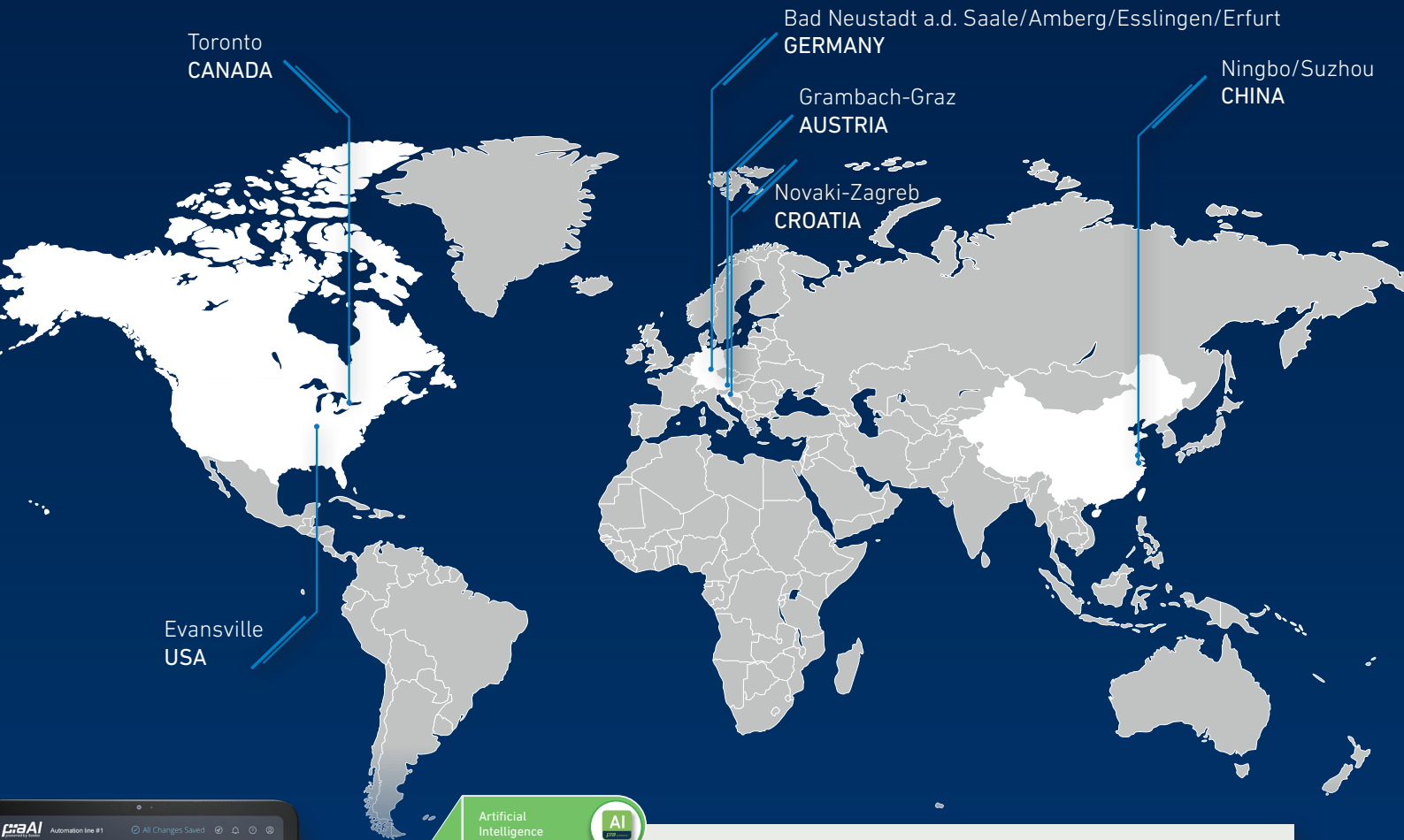
TESTING UNIFORMITY OF FOLDING



TESTING QUALITY AND PRESENCE OF EARBAND WELDS

PIA LOCATIONS

EOL TECHNOLOGY FROM THE WORLD
LEADING AUTOMATION PARTNER



PIA INDUSTRIAL APP SUITE

With the digitization strategy „PIA 4.0“ we offer our customers added value, through a digital portfolio of products, solutions and services. With PIA Industrial App Suite we support our customers in achieving their business goals in a sustainable and proactive way. We understand their priorities. Therefore improvement of OEE and the increase of production quality, along with an even more flexible and transparent production planning are essential.

WE AUTOMATE
YOUR WORLD

www.piagroup.com

