



OPTISCAN-PI

New System on-line/at-line to measure width and material damage

Measurement value: width

Application

It's designed for simultaneously measure thickness of all kinds of materials, including carbon fiber tapes, composites materials, plastic film tapes. After applying the sample and press start key measurement is made automatically. Sample, in accordance with customers need, is automatically charged during the measurement, which guarantees high precision and accuracy.

Technical details

- System consist measure unit and software;
- **Range of width from 5 mm to 300 mm***;
- **Accuracy: 0.05 mm / 0.1 mm***;
- Measurement resolution: 0.01/0.001 mm;
- Speed of running materials: 1-200 m/min*;
- internal calibration system;
- 100% product control;
- Transverse and automatic visual scanning;
- Non-contact measurement;
- Automatic ANP measurement setup;
- IPC computer with a color touch screen to fully support gauge and display measurment result, along with the full performances statistic (average value, standard deviation, minimum value, maximum value, range of tolerance, on line results interpretation, individual values graph displaying);
- English, german, polish software;
- Data export to Excel for further processing;
- Create and manage custom reports;
- Product library with the creation and storage of calibration curves for the product database;
- Producer: POLON-IZOT, CE, made in Poland, UE.

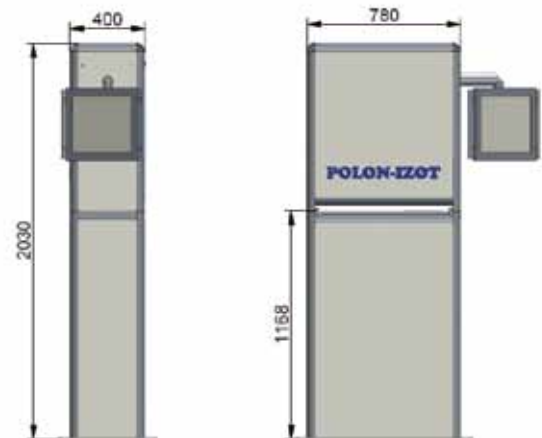
*other on request



Example picture OPTISCAN unit and software POLON-IZOT

Optional equipment

- Dedicated , customise software with extended additional interface ;
- Gauge integration with production line, production machine and material damage and loss detection (OPTISCAN-MD);
- Additional modules to measure thickness or moisture of products.



POLON - IZOT sp. z o.o. continues business activities of world-known company POLON United Nuclear Devices Works, established in 1956 which functioned as Office of Nuclear Technology Devices.

We closely co-operate with Central Radiological Safety Laboratory (Warsaw), Radiochemistry and Nuclear Technology Institute (Warsaw), Atomic Energy Institute (Świerk) and Institute of Physics at Warsaw University. Our long experience in narrow specialization allows us to reduce production costs, what gives our products very competitive price.

The company holds Permits of the Ionization Radiation Application Supervision Department of the National Atomic Agency of Poland for the manufacture of isotopic equipment and XRF spectrometers.

POLON - IZOT sp. z o.o. | ul. Michała Spisaka 31 | 02 - 495 Warszawa
tel. +48 22 724 74 64 | fax +48 22 724 94 31 | e-mail: biuro@polonizot.pl