



Appendix No. 1 - Technical Specification

The subject of the contract is the delivery, installation and configuration of a device for non-destructive material testing allowing to obtain a reliable result for the mechanical properties of moldings shaped in the hot stamping process for the following parameters: HV10, Re, Rm, A50%, Agt, r and n and measurements of the thickness of the Al.-Si TLT, DLT coating and the thickness of decarburization by non-destructive methods.

The object of measurements will be components after the shaping and quenching process with a nominal thickness of 0.75 to 4 mm. The device should have calibrations for individual material thicknesses for grade 22MnB5 and readiness for calibration for USIBOR 2000 or related material with coatings: AS150, AS80, UC in the state before and after heat treatment and without protective coatings.

1. Detailed technical requirements:

Suitable for industrial use.

The communication cable of the probe should be in a reinforced braid to prevent cut/damage and be terminated with a gland with a bend.

2. Technical Parameters:

- Computer kit for operating the device:
WINDOWS 11 PRO system 25H2 in English
Min 16GB RAM
min 500GB SSD
min Intel i5 CPU min.14Gen
Ethernet socket min 1Gb for laptop min 1pc/ for desktop station min 2 pcs
Ethernet USB 3.0 1Gbps Network Adapter
USB 3.0
Other parameters relevant to the software requirements for research
Technical support provided by the manufacturer's service in NBD mode
Panel size - 15.6" for laptop 24" for desktop
- a set of consumables and standards
- 2 measuring probes
- 230 VAC power supply
- Compliant with PV 1076
- Controller for automated measurements

3. Other:

Delivery, installation and configuration by the supplier

User manual with guide

CE Declaration of Conformity

Warranty of at least 12 months

Technical support for at least 5 years

4. Training:

Training in the operation and calibration of the device for at least 6 people carried out at the customer's headquarters, in the amount of at least 3 working days (24rbh)