

inventive company ...



Uniline Quantum³


NEW ENERGY in AUTOMOTIVE TEST TECHNOLOGY



60 23 10 90

UNIMETAL's history:

- ➔ in the automotive business for more than 60 years.
- ➔ used to be a part of FSR POLMO that manufactured TARPAN (a kind of van).
- ➔ automotive test equipment since the 1970s.
- ➔ exported 5 000 test lanes to The Soviet Union and Bulgaria (many are in regular use to these days).
- ➔ included into the strategic industry sector (a supplier for the army).

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- 1999 - the company privatized as a company limited,
 - 2004 - the current CEO implements a restructuring program that makes UNIMETAL the PTI leader in Poland.
 - 2 000 PTI centers were equipped by UNIMETAL.
 - 100 vehicle test stations per year equipped with the UNIMETAL equipment.
 - 2012 - UNIMETAL at the Automechanika Frankfurt
 - Export: Italy, Romania, Russia, Ukraine, UK, Baltic States, Sweden, Northern Africa, Malaysia, and many other countries

- ➔ Own R&D department *innovative research projects, cooperation with research institutes*



- ➔ Software & electronics engineers
own software and electronic control modules



- ➔ Production processes: cutting, welding, sanding, coating of rollers, painting, mechanic and electronic assembling
technical flexibility, quick reaction, spare parts

➔ Quality Inspection

best quality, ISO 9001:2008
certified by NQA
accredited by UKAS



- ➔ Own vehicle inspection station ➔ *the testing lab*
- ➔ Aftersale-service team ➔ *support online*

UNIMETAL's STRATEGY:



→ Advantage based on technology & innovation
wireless communication, many options, software

→ High quality

MADE IN EUROPE



→ Flexibility *quick adaptation to regulations and requirements in other countries, individual needs*

Standard test lanes:

- ➔ Uniline Quantum 2000:
vehicles with total weight < 3.5 t
- ➔ Uniline Quantum 3000:
vehicles with total weight > 3.5 t
- ➔ Uniline Quantum 5000: universal
(up to and above 3.5 t)
- ➔ Uniline Quantum Mobile:
all types (<3.5 t, < 3.5 t, universal)





Ethernet connection of the CPU

→ reduced risks of breakdowns, disturbances or discontinuities in work of test lanes.

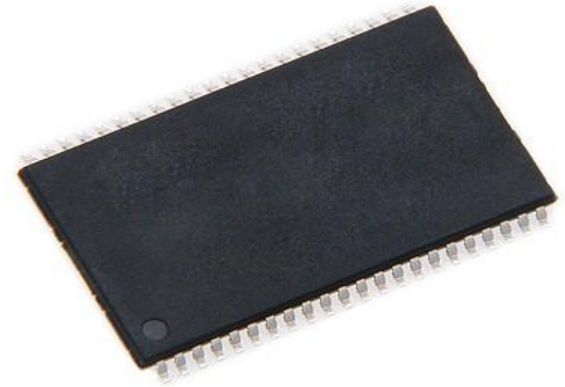


→ CPU has its own IP address and its settings can be made via internet as well as its online diagnosis.

→ reliable connectivity of CPU with external servers, computers in a network, tablets used as remote control.

Calibration data stored in FRAM

→ The calibration settings are stored both in the CPU (PLC Quantum) and PC unit.



→ Nobody can change the calibration data!

→ When a PC breakdown occurs, one only needs to plug in another computer, install the software and the calibration data will be imported from the CPU memory.

Mobile control by portable devices with Android

➔ UNILINE QUANTUM test lanes may be controlled by use of devices with Android OS.



➔ Even a smart phone or tablet can be used to control the operations of test lanes (without use of any PC and remote control).

UNIMETAL's test lanes:

- ➔ Ethernet technology = connectivity + tablet control
- ➔ Safety due to FRAM
- ➔ Software integration with other devices such as gas analyzers, headlight testers
- ➔ *(Near) future developments ...*





***You may say I'm a dreamer.
But I'm not the only one.
I hope someday you will join us.***



... because technology counts