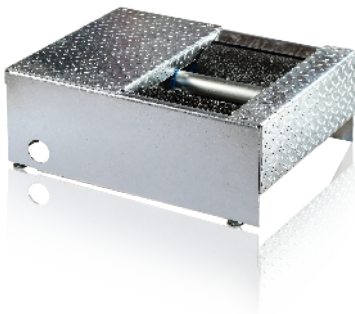




Motorcycle Test Lane UNILINE QUANTUM MC

Roller Brake Tester RHB-3



The motorcycle test lane UNILINE QUANTUM MC consist of a roller brake tester, speed tester, pneumatic wheel clamps and a control unit.

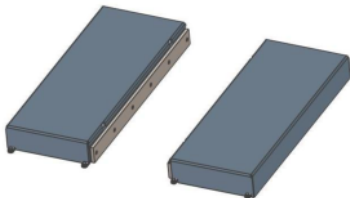
The motorcycle roller brake tester RHB-3 is approved for testing 2-wheels vehicles. Suitable for diagnostic brake measurement and for periodical technical inspection of motorcycles, mopeds and scooters. It is mounted with weighing system.

The equipment and the measurements are controlled by Quantum test lane software.

The characteristic measurable quantities are:

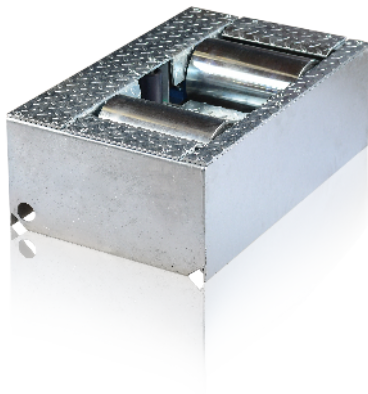
- Ovalization of brakes and percentage difference
- Max braking power on each single wheel and total
- Total efficiency of braking system in percentage
- Motorcycle weight
- Brake lever pressure

Pneumatic wheel clamps KZ-MC



The roller brake tester RHB-3 is also equipped with the wheels clamps KZ-MC designed to lock the front wheel which isn't tested during the measurement. The clamps starts automatically when the brake test is started.

Speedometer Tester SPT-1



Speedometer SPT-1 is a device used to test vehicles speed indicators by comparing its measurement with measures taken on the test device. It is intended to use for 2-wheels vehicles with the axle load up to 1t. Measurement is taken with use of the induction sensor.

Technical data	RHB-3	SPT-1
Max axle load	1000 kg	1000 kg
Test speed	2,9 km/h	40 km/h
Measuring range	0-3 kN	-



Motorcycle Test Lane UNILINE QUANTUM MC



Intelligent Test Lanes

UNIMETAL vehicle test lanes and devices are designed according to our concept of intelligent PTI centers. At each stage of the design process of control and software systems, we are oriented on offering full professional functionalities and keeping the simplicity of use at the same time. We put emphasis on optimization of working time and automation of processes such as searching or entering vehicle data or selection of appropriate working modes and settings.

Simplicity Through Technology

UNIMETAL test lanes are operated by use of either simple and friendly remote control or mobile Android devices. Our remote control is based on only four arrow buttons and one approval one. Similarly, in the case of mobile devices – we use clear screen buttons or gestures (depending on the selected option).



Full Integration and Simple Archiving

UNILINE QUANTUM MC test lane is not just a set of devices, it forms a coherent system of mutually communicating devices. We achieved the full integration, which translates into the quality and efficiency of work at the station. The diagnostician has the comfort of using only one application. After the vehicle test, all results are presented in the summary report. Data is kept in one transparent and secure database, which is better than this one required by law.



Software integration with other devices such as gas analysers or headlight tester

Central control units

Control cabinets in the UNILINE QUANTUM MC lanes are available in two varieties: ERGO and GALAXY. Our control cabinets are full of electric and electronic systems and in addition the control cabinet is a perfect place for stowing a monitor, a keyboard or other accessories on it.

The ERGO control cabinet is an elegant and optimal solution for MOT stations which are focused on efficiency and play with practical and technical aspects. The control cabinet is developed in the field of ergonomics. Central control unit has a large desktop for the monitor, keyboard and additional devices, as well as a capacious and comfortable drawer. The illuminated door with the company logo makes it a central element of the station.

The GALAXY central control unit has been created for MOT stations that require modern settings and technologies. It is distinguished by the futuristic design and backlights referring to the applied innovations. It is the central point of MOT stations and it makes an impression on customers.



UNIMETAL SP. z o.o., Kujańska 10, 77-400 Złotów POLAND
mob. +48 603 194 904, export@unimetal.pl