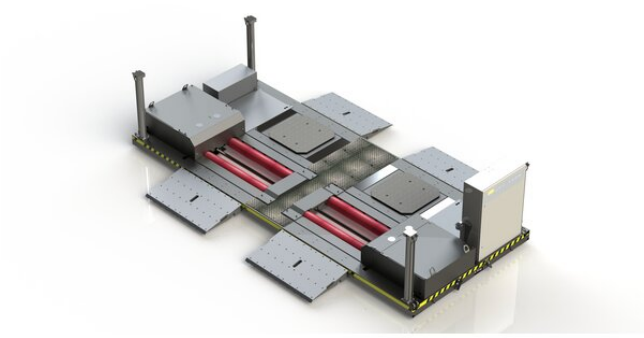
BRAKE TESTING TECHNOLOGY
CONNECT SERIES

C_MTL M 18.0 W301
VP 410217



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The compact all-in-one solution for mobile brake testing up to 18t axle load

This mobile test lane system combines the performance of a digital above-ground roller brake tester with maximum flexibility in use. Fully self-contained, transportable on a trailer up to 3.5t GVW and ready for operation within minutes thanks to its self-supporting steel frame with electrohydraulic lifting device – wherever you need it.

Designed for vans and trucks up to 18t axle load, the system delivers professional testing quality in a mobile setup. The integrated preparation for the optional axle play tester provides additional possibilities for even more comprehensive vehicle checks.

PRODUCT DETAILS/ACCESSORIES

Description:
Completely self-sufficient, mobile test lane system

Digital above-floor roller brake tester for vans and trucks of up to 18 t axle load with 2 x 9 kW drive motors

Complies with the requirements of standard EN 17003:2021
Full compliance with additional options depending on local conditions.
These include:

- C_RECO S radio remote control
- C_GSQ or C_GSL pit safety device
- Safety railing
- Roller set cover

- Features:
  - Real slip monitoring and automatic start-up delay as standard
  - Tyre-saving thanks to integrated automatic start-up monitoring
  - Automatic slip switch-off with pointer stop and automatic restart
  - Static exit aid for safe and convenient exit, even when the test stand is switched off
  - Automatic switch-off after vehicle exit
  - Electronic, temperature compensated (neutral) strain gauge system
  - Internationally recognised TÜV report in accordance with VkBl 149/2021 (Germany)

- Further product advantages - for details see Sales Handbook:
  - Sturdy and solid design
  - Interface module in the floor assembly
  - Secure and digital data transmission
  - Modular control box set-up
  - Multi-flexible display possibilities
  - Simple start-up
  - Simple maintenance and service
  - Safe operation
  - Optimised calibration and adjustment
  - Integrated and expandable software and/or interfaces

Design:

- Transportable on optional car trailer with GVW of 3.5 t
- Self-supporting steel frame with electrohydraulic lifting device
- Transport and shipment possible in 20-foot container
- Prepared for optional axle play tester C_MTL LMS 18.0
- High-quality powder coating: anthracite grey, RAL 7016

(Product has no approval in accordance with VkBl. 149/2021 for design reasons; therefore, it is not approved for use in connection with the PTI in Germany)

Scope of delivery:

- Integrated, mobile hydraulic system for pick-up by a car trailer
- Switch cabinet with integrated control
- Roller set M 18.0 W301 with integrated interface module
- Drive-on ramps flexibly removable from brake tester
- WiFi access point for integrating smart devices into CONNECT
- Radio remote control, model: C_RECO S
- Radio receiver for radio pressure converter (VZ 955314)
- Cable remote control for emergency lowering of hydraulic system

TECHNICAL DATABRAKE TESTER:

Axle load (traversable)	..... 18000 kg
Track min.	750 mm

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TECHNICAL DATABRAKE TESTER:

Track max.	3010 mm
Drive power	2 x 9 kW
Test speed	2.4 km/h
Display range	0-45.5 kN
Technical brake force limit	30 kN
Roller diameter	154 mm
Drive-through height	196 mm
Roller length	1190 mm
Roller axle distance	450 mm
Power supply	3 x 400 V/N/PE 50 Hz
Fuse	63 A slow
Connector plug	CEE 63 A / 6H/5p

Hydraulic oil qty.	20 l
Operating pressure max.	120 bar
Nominal power	2.5 kW

Full equipment	2750 kg
(incl. ramps and cables, w/o trailer and tarpaulin)	
Equipment w/o LMS	2450 kg
(incl. ramps and cables, w/o trailer and tarpaulin)	
8 Ramps	100 kg
Tarpaulin	25 kg
Trailer	640 kg
Max. weight	3415 kg

Frame/test system (transportable)	
(L x W x H)	5200 x 2200 x 1200 mm
Frame/test system, with extended cylinders (H)	2010 mm
Frame/test system (in set-up condition) (W)	3460 mm
with trailer (L x W x H)	6800 x 2150 x 1800 mm
Ramp (8 required) (L x W x H)	655 x 575 x 144 mm

ACCESSORIES

VZ 935342	Roller surface plastic/ granulate coated R115
VZ 930140	Boosted drive motors with reinforced gearbox 11 kW, time-delay fuse 63 A
VZ 975921	Weighing device static/dynamic for C_MBT S (Split)
VZ 955325	Automatic mode CONNECT (CE / EN 17003 conformity is void)
VZ 935347	Multi-function control via smart device, C_RECO S or PC
VZ 935348	Multi-function control via illuminated pushbutton at control cabinet
VZ 980050	Pneum. Radio-Controlled Pressure Converters, Meas. Range 0 - 20 bar, MODEL: C_RCD 50
VZ 985064	Hydr. radio pressure converter, range: 0 - 160 bar MODEL: C_RAH 10-2 - 160 bar
VZ 955313	Charging Box for 5 pressure converters incl. power supply unit
VZ 990495	Radio pedal force meter MODEL: C_PFM 1000
VZ 990541	Radio pedal force meter with manufacturer calibration MODEL: C_PFM 2000
VZ 990542	Radio pedal force meter with DAkkS calibration MODEL: C_PFM 2000

VZ 990543	Radio hand force meter with manufacturer calibration MODEL: C_PFM 3000	
VZ 990544	Radio hand force meter with DAkkS calibration MODEL: C_PFM 3000	
VZ 955303	Control cabinet heating thermostat controlled	
VZ 910204	NFC module for C_RECO S Near Field Communication module -EXTRA CHARGE-	
VZ 910207	Cable remote control EN 17003 Functions: Start/ Stop/EmerStop	
VZ 955299	Tablet PC Rugged (industrial standard) MODEL: C_Tablet-PC -NET PRICE-	
VZ 955318	Docking station as charger incl. power supply unit for C_Tablet-PC -NET-	
VZ 935383	Tarpaulin for Mobile test lane system C_MTL M 18.0 W301	
VZ 985065	Axle play tester for mobile test lane system TYPE: C_MTL LMS 18.0	
VZ 975936	Car Transport trailer for Mobile test lane system C_MTL M 18.0 W301	

SUPPLEMENTARY CHARGES

VV 997613	Packing Charges mobile test benches -EUROPE/ OVERSEAS-	