

# BRAKE TESTING TECHNOLOGY CONNECT SERIES

**C\_MBT C 5.0 W280**  
VP 210160



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Digital roller brake tester for cars and vans up to 5.0 t axle load with 2 x 4 kW drive motors and a max. track width of 2,800 mm.

Particularly suitable as stand-alone tester or as part of car reception and diagnostic test lanes for large and heavy cars and vans, and with increased loads.

### **PRODUCT DETAILS/ACCESSORIES**

#### Description:

Digital roller brake tester for cars and vans up to 5.0 t axle load with 2 x 4 kW drive motors and a max. track width of 2,800 mm

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- Features:
  - Real slip monitoring and automatic start-up delay as standard
  - Tyre-saving thanks to integrated automatic start-up monitoring
  - Automatic slipswitch-off with pointer stop and automatic restart
  - Automatic aid for comfortable vehicle exit with driven axles
  - Automatic switch-off after vehicle exit
  - Electronic, temperature compensated (neutral) strain gauge system
  - Internationally recognised TÜV report in accordance with VkbI 149/2021 (Germany)

- Further product advantages - for details see Sales Handbook:
  - A 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

#### Configuration:

- Roller set model C W280
- Self-supporting, encased roller set (Compact)
- Continuously height-adjustable (245 - 300 mm)
- High-quality powder coating: anthracite grey, RAL 7016

#### Scope of delivery:

- Control box with integrated control unit
- Roller set C\_MBT C 5.0 W280 with integrated interface module
- Pluggable cable harness 12 m

### **TECHNICAL DATA**

Axle load (traversable)	5000 kg
Min. track	780 mm
Max. track	2800 mm
Drive power	2 x 4 kW
Test speed	5 km/h
Measured value display	0-8 kN
Roller diameter	202 mm
Roller axle distance	400 mm

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## TECHNICAL DATA

gG Fuse	25 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions of roller set (L x W x H)	2924 x 680 x 280 mm

## ACCESSORIES

VZ 935290	Roller set cover W280 5 t traversable	VZ 910199	C_BOX -NET PRICE-
VZ 935292	Roller surface plastic/ granulate coated W280	VZ 955304	Wall mount 180° pivotable and lockable
VZ 935300	Roller surface Mixed W280	VZ 955319	Pedestal 15° rotatable and tiltable
VZ 930108	Automatic drive-over/ lowering bar C_MBT 5.0 W280	VZ 955299	Tablet PC Rugged (industrial standard) MODEL: C_Tablet-PC -NET PRICE-
VZ 935293	Mechanical roller set raiser for C_MBT C W280 (Compact)	VZ 955318	Docking station as charger incl. power supply unit for C_Tablet-PC -NET-
VZ 935372	Mechanical roller set raiser for C_MBT C W280 (Compact) galvanized	VZ 910200	PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE-
VZ 910201	Operating/Control unit for roller set lift C_MBT C/ S W280	VZ 990539	Pre-fitting pit safety device for the C_GSQ series
VZ 910205	Operating/Control Unit for roller set lift C_MBT C/ S W280	VZ 990497	Pit safety system for roller brake tester at front of pit MODEL: C_GSQ I
VZ 935277	Electromechanical motor brake as exit aid	VZ 990498	Pit safety system for roller brake tester in pit centre MODEL: C_GSQ II
VZ 935294	Roller heating for winter operation	VZ 990524	Pit safety system for roller brake tester in pit centre MODEL: C_GSQ III
VZ 975909	Weighing device static/dynamic for C_MBT C (Compact)	VZ 990525	Pit safety system for roller brake tester in pit centre MODEL: C_GSQ IV
VZ 912037	Test lane preparation with COMFORT interface module	VZ 990526	Pit safety system for roller brake tester in pit centre MODEL: C_GSQ V
VZ 935303	Cable harness extension 5 m for C_MBT W220/250/280 Total length 17 m	VZ 990546	Pit safety longitudinal MODEL: C_GSL
VZ 935304	Cable harness extension 10 m for C_MBT W220/250/280 Total length 22 m	VZ 935369	Connection cable 20 m for C_GSQ -NET PRICE
VZ 995461	Galvanising W280 -NET-	VZ 935370	Connection cable 40 m for C_GSQ -NET PRICE
VZ 995420	Special painting C_MBT Cars / TPS series -UPON REQUEST-	VZ 935385	Additional cable extension by 15 m (pluggable,IP67) C_GSL -NET PRICE-
VZ 955297	'Brake tester directive' and interface package Model: Directive 2021	VZ 935378	Safety railing for roller brake tester
VZ 935280	Multi-function control via smart device, C_RECO S or PC	VZ 955320	Emergency-stop pushbutton for safety railing
VZ 935281	Multi-function control via illuminated pushbutton at control cabinet	VZ 910091	A4 Ink jet colour printer (incl. printer cable) -NET PRICE-
VZ 911370	4WD detection, automatic with integrated soft start	VZ 910052	PC Keyboard and Mouse -NET PRICE
VZ 955300	Emergency-stop pushbutton with release key	VZ 955301	WiFi access point f. linking of smart devices to CONNECT -NET PRICE-
VZ 990495	Radio pedal force meter MODEL: C_PFM 1000	VZ 910208	Industrial PC Compact with Windows 11 -NET PRICE
VZ 990541	Radio pedal force meter with manufacturer calibration MODEL: C_PFM 2000	VZ 910193	HDMI Cable 5 m -NET PRICE-
VZ 990542	Radio pedal force meter with DakKS calibration MODEL: C_PFM 2000	VZ 910179	HDMI Cable 15 m -NET PRICE-
VZ 990543	Radio hand force meter with manufacturer calibration MODEL: C_PFM 3000	VZ 910181	HDMI Splitter, 4-port incl. 2 m cable -NET PRICE
VZ 990544	Radio hand force meter with DakKS calibration MODEL: C_PFM 3000	<b>SUPPLEMENTARY CHARGES</b>	
VZ 955313	Charging Box for 5 pressure converters incl. power supply unit	VT 998281	Internal transport -SOUTHMBT W250/RS4/W280/ RS5, C13.0 MSD-Plus -One-piece/Compact-
VZ 911377	Soft start module for C_MBT 3.5 - 5.0	VT 998282	Internal transport -NORTHMBT W250/RS4/ W280/RS5, C13.0 MSD-Plus -One-piece/ Compact-
VZ 955303	Control cabinet heating thermostat controlled	VT 998277	Internal transport -SOUTHRoller set lift Car
VZ 975935	Motorcycle mode for C_MBT W280	VT 998278	Internal transport -NORTHRoller set lift Car
VZ 910203	Cable remote control on tripod for motorcycle testing	VT 998263	Internal transport -SOUTH Pit safety
VZ 910202	Radio remote control MODEL: C_RECO S	VT 998264	Internal transport -NORTH Pit safety
VZ 910204	NFC module for C_RECO S Near Field Communication module -EXTRA CHARGE-	VM 996223	Installation costs Brake tester C_MBT W220/250/280
VZ 950068	Universal analog display with three pointer dials MODEL: C_MSA	VM 995147	Recurring calibration/ inspection acc. to German Vkl. 149/2021
VZ 910192	LED simultaneous display unit 43 incl. pedestal, HDMI -NET PRICE-	VM 996231	Installation costs for C_MBT Display units
		VM 996136	Installation costs Roller set lift/Pull-down device (extra charge for work effort >10h)
		VM 996198	Pre-installation Roller Set Elevation for Cars with 10 m cable
		VM 996080	Assembly Costs GSQ I

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VM 996081 Assembly Costs GSQ II C\_GSQ II/III/IV/V  
VV 997589 Packaging Brake tester C\_MBT W220/250/280  
-Europe-

VV 997602 Packing Charges Roller Set Lift