# BRAKE TESTING TECHNOLOGY
# CONNECT SERIES

## C_MBT C 3.5 W250
VP 210153

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Digital roller brake tester for cars and vans up to 3.5 t axle load with
2 x 3 kW drive motors and a max. track width of 2,500 mm.

Particularly suitable as stand-alone tester or as part of car reception and diagnostic test lanes for larger vehicles such as SUVs, off-roaders or vans.

### PRODUCT DETAILS/ACCESSORIES

Description:
Digital roller brake tester for cars and vans
up to 3.5 t axle load with 2 x 3 kW drive motors
and a max. track width of 2,500 mm

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 (required for EN 17003)
- C_GSQ or C_GSL pit safety device
- Safety railing
- Roller set cover

Particularly suitable as stand-alone tester
or as part of car reception and diagnostic testlanes
for larger vehicles such as SUVs, off-roaders or vans

- 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
  - 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 VkBl 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 W220
- 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 3.5 W250 with integrated interface module
- Pluggable cable harness 12 m

### TECHNICAL DATA

| | |
|---|---|
| Axle load (traversable) | 3500 kg |
| Min. track | 780 mm |
| Max. track | 2500 mm |
| Drive power | 2 x 3 kW |
| Test speed | 5 km/h |
| Measured value display | 0-8 kN |

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| | |
|---|---|
| Roller diameter | 202 mm |
| Roller axle distance | 400 mm |
| gG Fuse | 25 A |
| Power supply | 3/N/PE 400 V 50 Hz |
| Dimensions of roller set (L x W x H) | 2644 x 680 x 280 mm |

### ACCESSORIES

| | |
|---|---|
| VZ 935289 | Roller set cover W250 4 t traversable |
| VZ 935291 | Roller surface plastic/ granulate coated W250 |
| VZ 935299 | Roller surface Mixed W250 |
| VZ 930107 | Automatic drive-over/ lowering bar for W250 |
| VZ 935294 | Roller heating for winter operation |
| VZ 975909 | Weighing device static/dynamic for C_MBT C (Compact) |
| VZ 912037 | Test lane preparation with COMFORT interface module |
| VZ 975895 | Set of drive-on ramps for above-floor operation |
| VZ 975896 | Set of drive-over ramps straight/modular |
| VZ 935303 | Cable harness extension 5 m for C_MBT W220/250/280 Total length 17 m |
| VZ 935304 | Cable harness extension 10 m for C_MBT W220/250/280 Total length 22 m |
| VZ 995460 | Galvanising W250 -NET- |
| VZ 995420 | Special painting C_MBT Cars / TPS series -UPON REQUEST- |
| VZ 955297 | 'Brake tester directive' and interface package Model: Directive 2021 |
| VZ 955325 | Automatic mode CONNECT (CE / EN 17003 conformity is void) |
| VZ 935280 | Multi-function control via smart device, C_RECO S or PC |
| VZ 935281 | Multi-function control via illuminated pushbutton at control cabinet |
| VZ 911370 | 4WD detection, automatic with integrated soft start |
| VZ 955300 | Emergency-stop pushbutton with release key |
| 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 955313 | Charging Box for 5 pressure converters incl. power supply unit |
| VZ 911377 | Soft start module for C_MBT 3.5 - 5.0 |
| VZ 955303 | Control cabinet heating thermostat controlled |
| VZ 975934 | Motorcycle mode for C_MBT W250 |
| VZ 910203 | Cable remote control on tripod for motorcycle testing |
| VZ 910202 | Radio remote control MODEL: C_RECO S |
| 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 950068 | Universal analog display with three pointer dials MODEL: C_MSA |
| VZ 910192 | LED simultaneous display unit 43 incl. pedestal, HDMI -NET PRICE- |
| VZ 910199 | C_BOX -NET PRICE- |
| VZ 955304 | Wall mount 180° pivotable and lockable |
| VZ 955319 | Pedestal 15° rotatable and tiltable |
| 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 910200 | PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE- |
| VZ 911477 | Software module C_EIOS CONNECT interface to ES_IN/ES_OUT |
| VZ 911481 | Software module C_Office Administration in EUROSYSTEM V8 for CONNECT test stands |
| VZ 990539 | Pre-fitting pit safety device for the C_GSQ series |
| VZ 990497 | Pit safety system for roller brake tester at front of pit MODEL: C_GSQ I |
| VZ 990498 | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ II |
| VZ 990524 | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ III |
| VZ 990525 | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ IV |
| VZ 990526 | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ V |
| VZ 990546 | Pit safety longitudinal MODEL: C_GSL |
| VZ 935369 | Connection cable 20 m for C_GSQ -NET PRICE |
| VZ 935370 | Connection cable 40 m for C_GSQ -NET PRICE |
| VZ 935385 | Additional cable extension by 15 m (pluggable,IP67) C_GSL -NET PRICE- |
| VZ 935378 | Safety railing for roller brake tester |
| VZ 955320 | Emergency-stop pushbutton for safety railing |
| VZ 955326 | Warning light incl. 40 m cable |
| VZ 910091 | A4 Ink jet colour printer (incl. printer cable) -NET PRICE- |
| VZ 910052 | PC Keyboard and Mouse -NET PRICE |
| VZ 955301 | WiFi access point f. linking of smart devices to CONNECT -NET PRICE- |
| VZ 910208 | Industrial PC Compact with Windows 11 -NET PRICE |
| VZ 910193 | HDMI Cable 5 m -NET PRICE- |
| VZ 910179 | HDMI Cable 15 m -NET PRICE- |
| VZ 910181 | HDMI Splitter, 4-port incl. 2 m cable -NET PRICE |

### SUPPLEMENTARY CHARGES

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|---|---|
| VT 998281 | Internal transport -SOUTHMBT W250/RS4/W280/ RS5, C13.0 MSD-Plus -One-piece/Compact- |
| VT 998282 | Internal transport -NORTHMBT W250/RS4/ W280/RS5, C13.0 MSD-Plus -One-piece/ Compact- |
| VT 998263 | Internal transport -SOUTHPit safety |
| VT 998264 | Internal transport -NORTHPit safety |
| VM 996223 | Installation costs Brake tester C_MBT W220/250/280 |
| VM 995147 | Recurring calibration/ inspection acc. to German VkBl. 149/2021 |

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|---|---|
| VM 996231 | Installation costs for C_MBT Display units |
| VM 996080 | Assembly Costs GSQ I, C_GSL |
| VM 996081 | Assembly Costs GSQ II C_GSQ II/III/IV/V |
| VM 996246 | Assembly costs per Safety railings |
| VV 997589 | Packaging Brake tester C_MBT W220/250/280 -Europe- |