

# BRAKE TESTING TECHNOLOGY CONNECT SERIES

**C\_MBT C 3.5 W220**  
VP 210152



## C\_MBT C 3.5 W220 VP 210152

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 2,200 mm.

Particularly suitable as stand-alone tester or as part of car reception and diagnostic test lanes.

### 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 2,200 mm

Particularly suitable as stand-alone tester or as part of car reception and diagnostic test lanes

- 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 Vki 149/2021 (Germany)

- 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 W220 with integrated interface module
- Pluggable cable harness 12 m

- Further product advantages - for details see Sales Handbook:

### TECHNICAL DATA

|                         |          |
|-------------------------|----------|
| Axle load (traversable) | 3500 kg  |
| Min. track              | 780 mm   |
| Max.track               | 2200 mm  |
| Drive power             | 2 x 3 kW |
| Test speed              | 5 km/h   |
| Measured value display  | 0-8 kN   |
| Roller diameter         | 202 mm   |
| Roller axle distance    | 400 mm   |
| gG Fuse                 | 25 A     |

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## TECHNICAL DATA

|                                      |                     |
|--------------------------------------|---------------------|
| Power supply                         | 3/N/PE 400 V 50 Hz  |
| Dimensions of roller set (L x W x H) | 2320 x 680 x 280 mm |

## ACCESSORIES

|           |   |                              |  |
|-----------|---|------------------------------|--|
| VZ 935279 | Roller set cover W220 4 t traversable                                   | VZ 955319                    | Pedestal 15° rotatable and tiltable  |
| VZ 935278 | Roller surface plastic/ granulate coated W220                           | VZ 955299                    | Tablet PC Rugged (industrial standard) MODEL: C_Tablet-PC -NET PRICE-        |
| VZ 935298 | Roller surface Mixed W220   | VZ 955318                    | Docking station as charger incl. power supply unit for C_Tablet-PC -NET-     |
| VZ 930104 | Automatic drive-over/ lowering bar for W220                             | VZ 910200                    | PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE-                   |
| VZ 935294 | Roller heating for winter operation                                     | VZ 990539                    | Pre-fitting pit safety device for the C_GSQ series                           |
| VZ 975909 | Weighing device static/dynamic for C_MBT C (Compact)                    | VZ 990497                    | Pit safety system for roller brake tester at front of pit MODEL: C_GSQ I     |
| VZ 912037 | Test lane preparation with COMFORT interface module                     | VZ 990498                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ II      |
| VZ 975895 | Set of drive-on ramps for above-floor operation                         | VZ 990524                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ III     |
| VZ 975896 | Set of drive-over ramps straight/modular                                | VZ 990525                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ IV      |
| VZ 935303 | Cable harness extension 5 m for C_MBT W220/250/280 Total length 17 m    | VZ 990526                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ V       |
| VZ 935304 | Cable harness extension 10 m for C_MBT W220/250/280 Total length 22 m   | VZ 990546                    | Pit safety longitudinal MODEL: C_GSL   |
| VZ 995459 | Galvanising W220 -NET-  | VZ 935369                    | Connection cable 20 m for C_GSQ -NET PRICE                                   |
| VZ 995420 | Special painting C_MBT Cars / TPS series -UPON REQUEST-                 | VZ 935370                    | Connection cable 40 m for C_GSQ -NET PRICE                                   |
| VZ 955297 | 'Brake tester directive' and interface package Model: Directive 2021    | VZ 935385                    | Additional cable extension by 15 m (pluggable, IP67) C_GSL -NET PRICE-       |
| VZ 935280 | Multi-function control via smart device, C_RECO S or PC                 | VZ 935378                    | Safety railing for roller brake tester                                       |
| VZ 935281 | Multi-function control via illuminated pushbutton at control cabinet    | VZ 955320                    | Emergency-stop pushbutton for safety railing                                 |
| VZ 911370 | 4WD detection, automatic with integrated soft start                     | VZ 910091                    | A4 Ink jet colour printer (incl. printer cable) -NET PRICE-                  |
| VZ 955300 | Emergency-stop pushbutton with release key                              | VZ 910052                    | PC Keyboard and Mouse -NET PRICE   |
| VZ 990495 | Radio pedal force meter MODEL: C_PFM 1000                               | VZ 955301                    | WiFi access point f. linking of smart devices to CONNECT -NET PRICE-         |
| VZ 990541 | Radio pedal force meter with manufacturer calibration MODEL: C_PFM 2000 | VZ 910208                    | Industrial PC Compact with Windows 11 -NET PRICE                             |
| VZ 990542 | Radio pedal force meter with DAkkS calibration MODEL: C_PFM 2000        | VZ 910193                    | HDMI Cable 5 m -NET PRICE-   |
| VZ 990543 | Radio hand force meter with manufacturer calibration MODEL: C_PFM 3000  | VZ 910179                    | HDMI Cable 15 m -NET PRICE-  |
| VZ 990544 | Radio hand force meter with DAkkS calibration MODEL: C_PFM 3000         | VZ 910181                    | HDMI Splitter, 4-port incl. 2 m cable -NET PRICE                             |
| VZ 955313 | Charging Box for 5 pressure converters incl. power supply unit          | <b>SUPPLEMENTARY CHARGES</b> |  |
| VZ 911377 | Soft start module for C_MBT 3.5 - 5.0                                   | VT 998279                    | Transport Factory traffic -SOUTH- (Germany only) MBT W220/RS2, MSD -Compact- |
| VZ 955303 | Control cabinet heating thermostat controlled                           | VT 998280                    | Transport Factory traffic -NORTH- (Germany only) MBT W220/RS2, MSD -Compact- |
| VZ 975933 | Motorcycle mode for C_MBT W220  | VT 998263                    | Internal transport -SOUTH Pit safety   |
| VZ 910203 | Cable remote control on tripod for motorcycle testing                   | VT 998264                    | Internal transport -NORTH Pit safety   |
| VZ 910202 | Radio remote control MODEL: C_RECO S                                    | VM 996223                    | Installation costs Brake tester C_MBT W220/250/280                           |
| VZ 910204 | NFC module for C_RECO S Near Field Communication module -EXTRA CHARGE-  | VM 995147                    | Recurring calibration/ inspection acc. to German Vkl. 149/2021               |
| VZ 950068 | Universal analog display with three pointer dials MODEL: C_MSA          | VM 996231                    | Installation costs for C_MBT Display units                                   |
| VZ 910192 | LED simultaneous display unit 43 incl. pedestal, HDMI -NET PRICE-       | VM 996080                    | Assembly Costs GSQ I   |
| VZ 910199 | C_BOX -NET PRICE-   | VM 996081                    | Assembly Costs GSQ II C_GSQ II/III/IV/V                                      |
| VZ 955304 | Wall mount 180° pivotable and lockable                                  | VV 997589                    | Packaging Brake tester C_MBT W220/250/280 -Europe-                           |