

# BRAKE TESTING TECHNOLOGY CONNECT SERIES

**C\_MBT S 20.0 R160 MU**  
VP 410211



## C\_MBT S 20.0 R160 MU VP 410211

Digital roller brake tester for vans and trucks up to 20 t axle load with 2 x 11 kW drive motors.

Particularly suitable as stand-alone tester or as part of truck reception and diagnostic test lanes, for low loaders and vehicles with excess width, at high-frequency operation and increased load.

Split design, motor arrangement underneath the test rollers for suspended pit and foundation installation.

### PRODUCT DETAILS/ACCESSORIES

Description:  
Digital roller brake tester for vans and trucks up to 20 t axle load with 2 x 11 kW drive motors

Particularly suitable as stand-alone tester or as part of truck reception and diagnostic test lanes, for low loaders and vehicles with excess width, at high-frequency operation and increased load

Configuration:

- Split design as standard, motor arrangement underneath the test rollers for suspended pit and foundation installation
- Dimensions offer optimum testing opportunities for standard

vehicles in the van and truck sector

- Large test roller diameter of 265 mm specially for the commercial vehicle sector
- High-quality powder coating: anthracite grey, RAL 7016

Scope of delivery:

- Control box with integrated control unit
- Roller set S 20.0 R 160 MU with integrated interface module

Note:

Cable harness not included in scope of delivery.  
(Cable harness 20 m (VZ 935351) or required on site)

### TECHNICAL DATA

|                                     |                      |
|-------------------------------------|----------------------|
| Axle load(traversable)              | 20000 kg             |
| Drive power                         | 2 x 11 kW            |
| Test speed                          | 2.3 km/h             |
| Measured value display              | 0-45.5 kN            |
| Roller diameter                     | 265 mm               |
| Roller axle distance                | 475 mm               |
| Roller length                       | 1600 mm              |
| gG Fuse                             | 63 A                 |
| Power supply                        | 3/N/PE 400 V 50 Hz   |
| Dim. of roller set half (L x W x H) | 1880 x 1145 x 740 mm |

### ACCESSORIES

|           |  |
|-----------|--|
| VZ 935330 | Roller set cover C_MBT S 18.0/20.0 R160 traversable up to 20 t             |
| VZ 935343 | Roller surface plastic/ granulate coated R160                              |
| VZ 935346 | Roller surface Mixed R160  |
| VZ 935326 | Flush-floor roller set C_MBT S 18.0/20.0 MU/MI (both rollers raised 50 mm) |

|           |  |
|-----------|--|
| VZ 935327 | Running/sensor rollers with excess height C_MBT S 18.0/20.0 MU |
| VZ 935150 | Low-Loader Angle Iron Frame RS2/R160 MU, w/o Pit galvanized    |
| VZ 935153 | Low-Loader Angle Iron Frame RS2/R160 MU, with Pit galvanized   |

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|           |  |                              |  |
|-----------|--|------------------------------|--|
| VZ 935294 | Roller heating for winter operation  | VZ 910204                    | NFC module for C_RECO S Near Field Communication module -EXTRA CHARGE-                 |
| VZ 975921 | Weighing device static/dynamic for C_MBT S (Split)                                   | VZ 950068                    | Universal analog display with three pointer dials MODEL: C_MSA                         |
| VZ 912037 | Test lane preparation with COMFORT interface module                                  | VZ 910192                    | LED simultaneous display unit 43 incl. pedestal, HDMI -NET PRICE-                      |
| VZ 955285 | Pneum. Emerg. Lowering Device for Elevating Roller Set (HGV)                         | VZ 955304                    | Wall mount 180° pivotable and lockable   |
| VP 935236 | Floor Anchors -Above-Groundfor Raisable Roller Set                                   | VZ 955319                    | Pedestal 15° rotatable and tiltable  |
| VP 935237 | Floor Anchors -In-Groundfor Raisable Roller Set                                      | VZ 955299                    | Tablet PC Rugged (industrial standard) MODEL: C_Tablet-PC -NET PRICE-                  |
| VZ 935377 | Electromechanical motor brake as exit aid  | VZ 955318                    | Docking station as charger incl. power supply unit for C_Tablet-PC -NET-               |
| VZ 935232 | Adapter Set Continental Workshop Tab II / CTC II -NET-                               | VZ 910200                    | PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE-                             |
| VZ 935276 | Prefitting Continental Workshop Tab II / CTC II -NET PRICE-                          | VZ 910199                    | C_BOX -NET PRICE-  |
| VZ 935351 | Pluggable cable harness 20 m for C_MBT S 13.0 - 20.0 -NET PRICE-                     | VZ 911477                    | Software module C_EIOS CONNECT interface to ES_IN/ES_OUT                               |
| VZ 935357 | Extension cable harness 20 m plug-in, for external roller set lift -NET PRICE-       | VZ 911481                    | Software module C_Office Administration in EUROSYSYSTEM V8 for CONNECT test stands     |
| VZ 935363 | Extension cable harness 20 m plug-in, for roller heating -NET PRICE-                 | VZ 990539                    | Pre-fitting pit safety device for the C_GSQ series                                     |
| VZ 935366 | Extension cable harness 20 m plug-in, for electromechanical motor brake -NET PRICE-  | VZ 990497                    | Pit safety system for roller brake tester at front of pit MODEL: C_GSQ I               |
| VZ 995765 | Galvanising R160 -NET-   | VZ 990498                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ II                |
| VZ 995766 | Special Painting C_MBT Trucks -ON REQUEST-   | VZ 990524                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ III               |
| VZ 955315 | Large CONNECT control cabinet floorstanding, CONNECT series -EXTRA CHARGE-           | VZ 990525                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ IV                |
| VZ 955316 | Keyboard tray for large Truck control cabinet  | VZ 990526                    | Pit safety system for roller brake tester in pit centre MODEL: C_GSQ V                 |
| VZ 955308 | Monitor holder module with VESA standard   | VZ 990546                    | Pit safety longitudinal MODEL: C_GSL   |
| VZ 955297 | 'Brake tester directive' and interface package Model: Directive 2021                 | VZ 935369                    | Connection cable 20 m for C_GSQ -NET PRICE   |
| VZ 935347 | Multi-function control via smart device, C_RECO S or PC                              | VZ 935370                    | Connection cable 40 m for C_GSQ -NET PRICE   |
| VZ 935348 | Multi-function control via illuminated pushbutton at control cabinet                 | VZ 935385                    | Additional cable extension by 15 m (pluggable,IP67) C_GSL -NET PRICE-                  |
| VZ 935349 | DC-Brake for C_MBT 13.0 - 20.0   | VZ 935378                    | Safety railing for roller brake tester   |
| VZ 990548 | 4 wheel drive regulator set for Visco and Rigid 4 WD (for C_MBT 13.0 - 20.0)         | VZ 955320                    | Emergency-stop pushbutton for safety railing   |
| VZ 975491 | Universal speed sensor for large wheel diameters                                     | VZ 910091                    | A4 Ink jet colour printer (incl. printer cable) -NET PRICE-                            |
| VZ 935394 | Two test speeds for 4WD regulation set via smart device, C_RECO S or PC              | VZ 910052                    | PC Keyboard and Mouse -NET PRICE   |
| VZ 935333 | Two test speeds switchover via smart device C_RECO S or PC                           | VZ 955301                    | WiFi access point f. linking of smart devices to CONNECT -NET PRICE-                   |
| VZ 935334 | Two test speeds switchover via illuminated pushbutton on control box                 | VZ 910208                    | Industrial PC Compact with Windows 11 -NET PRICE                                       |
| VZ 971104 | Light Barrier Safety Device to avoid Contact with Ceiling                            | VZ 910193                    | HDMI Cable 5 m -NET PRICE-   |
| VZ 980049 | Start set RADIO/PRESSURE   | VZ 910179                    | HDMI Cable 15 m -NET PRICE-  |
| VZ 980050 | Pneum. Radio-Controlled Pressure Converters, Meas. Range 0 - 20 bar, MODEL: C_RCD 50 | VZ 910181                    | HDMI Splitter, 4-port incl. 2 m cable -NET PRICE                                       |
| VZ 985064 | Hydr. radio pressure converter, range: 0 - 160 bar MODEL: C_RAH 10-2 - 160 bar       | <b>SUPPLEMENTARY CHARGES</b> |  |
| VZ 955314 | Radio receiver for radio pressure converter  | VT 998283                    | Internal transport -SOUTHMBT, MSD -Two-piece/ Split-                                   |
| VZ 955313 | Charging Box for 5 pressure converters incl. power supply unit                       | VT 998284                    | Internal transport -NORTHMBT, MSD -Two-piece/ Split-                                   |
| VZ 990508 | Signal display for radio pressure converter  | VT 998257                    | Internal transport -SOUTHInstallation frame Brake tester Split                         |
| VZ 955300 | Emergency-stop pushbutton with release key   | VT 998258                    | Internal transport -NORTHInstallation frame Brake tester Split                         |
| VZ 990495 | Radio pedal force meter MODEL: C_PFM 1000  | VT 998259                    | Internal transport -SOUTHInstallation frame Brake tester Compact                       |
| VZ 990541 | Radio pedal force meter with manufacturer calibration MODEL: C_PFM 2000              | VT 998260                    | Internal transport -NORTHInstallation frame Brake tester Compact                       |
| VZ 990542 | Radio pedal force meter with DAKKS calibration MODEL: C_PFM 2000                     | VT 998261                    | Internal transport -SOUTHRoller set lift Truck   |
| VZ 990543 | Radio hand force meter with manufacturer calibration MODEL: C_PFM 3000               | VT 998262                    | Internal transport -NORTHRoller set lift Truck   |
| VZ 990544 | Radio hand force meter with DAKKS calibration MODEL: C_PFM 3000                      | VT 998263                    | Internal transport -SOUTH Pit safety   |
| VZ 955303 | Control cabinet heating thermostat controlled  | VT 998264                    | Internal transport -NORTH Pit safety   |
| VZ 910202 | Radio remote control MODEL: C_RECO S   | VM 996241                    | Installation costs C_MBT S with separately ordered cable harness                       |
|           |  | VM 996242                    | Installation costs C_MBT S w/o separately ordered cable harness extra charge mat./time |

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|           |  |           |   |
|-----------|--|-----------|---|
| VM 995148 | Routine Test/Calibration acc. to VwBl. 149/2021<br>Truck Brake Tester                      | VM 996177 | Installation costs C_Tablet-PC -for new<br>installation       |
| VM 996231 | Installation costs for C_MBT Display units   | VM 996080 | Assembly Costs GSQ I, C_GSL                                   |
| VM 996136 | Installation costs Roller set lift/Pull-down device<br>(extra charge for work effort >10h) | VM 996081 | Assembly Costs GSQ II C_GSQ II/III/IV/V                       |
| VM 996185 | Install. costs Floor anchors for roller set lift (extra<br>charge for work effort >6h)     | VM 996246 | Assembly costs per Safety railings                            |
| VM 996090 | Assembly Costs Radio Pressure Converters per<br>unit/recharging box                        | VV 997606 | Packaging MBT from C_MBT S 13.0/MBT 4000<br>-EUROPE/OVERSEAS- |
|           |  | VV 997584 | Packing Charges Roller Set Lift                               |