

# 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

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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

### 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

#### FLOOR ASSEMBLY

VZ 935330	Roller set cover C_MBT S 18.0/20.0 R160 traversable up to 20 t	VZ 935083	Low-Loader Angle Iron Frame RS2/R160, w/o Pit -UPON REQUEST
VZ 935343	Roller surface plastic/ granulate coated R160	VZ 935150	Low-Loader Angle Iron Frame RS2/R160, w/o Pit galvanized -UPON REQUEST-
VZ 935346	Roller surface Mixed R160	VZ 935115	Low-Loader Angle Iron Frame RS2/R160, with Pit -UPON REQUEST-
VZ 935326	Flush-floor roller set C_MBT S 18.0/20.0 MU/MI (both rollers raised 50 mm)	VZ 935153	Low-Loader Angle Iron Frame RS2/R160 with Pit galvanized -UPON REQUEST-
VZ 935327	Running/sensor rollers with excess height C_MBT S 18.0/20.0 MU	VZ 935294	Roller heating for winter operation

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VZ 975921	Weighing device static/dynamic for C_MBT S (Split)	VZ 955318	Docking station as charger incl. power supply unit for C_Tablet-PC -NET-
VZ 912037	Test lane preparation with COMFORT interface module	VZ 910200	PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE-
VZ 935336	Mechanical-Hydraulic Lifting in Angle iron frame	VZ 910199	C_BOX -NET PRICE
VZ 935338	Angle Iron Frame for Lifting of Roller Set, w. Working Pit Version R160 -UPON REQUEST-	<b>SOFTWARE</b>	
VZ 955285	Pneum. Emerg. Lowering Device for Elevating Roller Set (HGV)	VZ 911378	Software EUROSYSYSTEM V8 CONNECT
VP 935236	Floor Anchors -Above-Groundfor Raisable Roller Set	<b>VARIOUS ACCESSORIES</b>	
VP 935237	Floor Anchors -In-Groundfor Raisable Roller Set	VZ 990497	Pit safety system for roller brake tester at front of pit MODEL: C_GSQ I
VZ 935232	Adapter Set Continental CTC II / Workshop Tab -NET-	VZ 990498	Pit safety system for roller brake tester in pit centre MODEL: C_GSQ II
VZ 935276	Prefitting with holder set for Continental CTC II -NET PRICE-	VZ 935369	Anschlusskabel 20 m für C_GSQ -NETTO
VZ 935351	Pluggable cable harness 20 m for C_MBT S 13.0 - 20.0 -NET-	VZ 935370	Anschlusskabel 40 m für C_GSQ -NETTO
VZ 935357	Erweiterungskabelbaum 20 m steckbar, für externe Rollensatzanhebung -NETTO-	<b>IT ACCESSORIES</b>	
VZ 935363	Erweiterungskabelbaum 20 m steckbar, für Rollenheizung -NETTO-	VZ 910091	A4 Ink jet colour printer (incl. printer cable) -NET PRICE-
<b>COATING</b>		VZ 910052	PC Keyboard and Mouse -NET PRICE
VZ 995765	Galvanising R160 -NET	VZ 955301	WiFi access point f. linking of smart devices to CONNECT -NET PRICE-
VZ 995766	Special Painting C_MBT Trucks -ON REQUEST-	VZ 910177	Industrial PC Compact with Windows 10 -NET PRICE
<b>CONTROL CABINET</b>		VZ 910193	HDMI Cable 5 m -NET PRICE
VZ 955315	Large CONNECT control cabinet floorstanding, CONNECT Truck series -EXTRA CHARGE-	VZ 910179	HDMI Cable 15 m -NET PRICE
VZ 955316	Keyboard tray for large Truck control cabinet	VZ 910181	HDMI Splitter, 4-port incl. 2 m cable -NET PRICE
VZ 955308	Monitor holder module with VESA standard	<b>SUPPLEMENTARY CHARGES</b>	
VZ 955297	Brake tester directive and interface package Model: Directive 2011/2021	VT 998283	Transport Werkverkehr -SÜDMBT, MSD -geteilt/ Split-
VZ 935347	Multi-function control via smart device, C_RECO S or PC	VT 998284	Transport Werkverkehr -NORDMBT, MSD -geteilt/ Split-
VZ 935348	Multi-function control via illuminated pushbutton at control cabinet	VT 998257	Transport Werkverkehr -SÜDEinbaurahmen Bremsprüfstand geteilt
VZ 935349	DC-Brake for C_MBT 13.0 - 20.0	VT 998258	Transport Werkverkehr -NORDEinbaurahmen Bremsprüfstand geteilt
VZ 935333	Two test speeds switchover via smart device C_RECO S or PC	VT 998259	Transport Werkverkehr -SÜDEinbaurahmen Bremsprüfstand ungeteilt
VZ 971104	Light Barrier Safety Device to avoid Contact with Ceiling	VT 998260	Transport Werkverkehr -NORDEinbaurahmen Bremsprüfstand ungeteilt
VZ 980049	Start set RADIO & PRESSURE	VT 998261	Transport Werkverkehr -SÜDRollensatzanhebung LKW
VZ 980050	Pneum. Radio-Controlled Pressure Converters, Meas. Range 0 - 20 bar, MODEL: C_RCD 50	VT 998262	Transport Werkverkehr -NORDRollensatzanhebung LKW
VZ 985064	Hydr. radio pressure converter, range: 0 - 160 bar MODEL: C_RAH 10-2 - 160 bar	VT 998263	Transport Werkverkehr -SÜDGrubensicherung
VZ 955314	Radio receiver for radio pressure converter	VT 998264	Transport Werkverkehr -NORDGrubensicherung
VZ 955313	Charging Box for 5 pressure converters C_RCD 50/C_RAH incl. power supply unit	VM 996241	Montagekosten C_MBT S bei mitbestelltem Kabelbaum
VZ 990508	Signal display for radio pressure converter	VM 996242	Montagekosten C_MBT S bei Montage ohne mitbestelltem Kabelbaum; zzgl. Material/Zeit
VZ 955300	Emergency-stop pushbutton with release key	VM 995148	Routine Test/Calibration acc. to Verkehrsblatt 99/2022 Truck Brake Tester
VZ 990495	Radio pedal force meter MODEL: C_PFM 1000	VM 996231	Installation costs for C_MBT Display units
VZ 955303	Control cabinet heating thermostat controlled	VM 996136	Montagekosten Rollensatzanhebung/ Niederziehvorrichtung (zus. Berechnung Aufwand >10h)
VZ 910202	Radio remote control MODEL: C_RECO S	VM 996185	Montagekosten Bodenanker für Rollensatzanhebung (zus. Berechnung Aufwand >6h)
VZ 910204	NFC module for C_RECO S Near Field Communication module -EXTRA CHARGE-	VM 996080	Assembly Costs GSQ I
<b>DISPLAY UNIT</b>		VM 996081	Assembly Costs GSQ II
VZ 950068	Universal analog display with three pointer dials MODEL: C_MSA	VV 997606	Packaging MBT from C_MBT S 13.0/MBT 4000 -EUROPE/OVERSEAS-
VZ 910192	LCD simultaneous display unit 40 incl. pedestal; HDMI -NET PRICE-	VV 997584	Packing Charges Roller Set Lift
VZ 955304	Wall mount 180° pivotable and lockable		
VZ 955299	Tablet PC Rugged (industrial standard) MODEL: C_Tablet-PC -NET PRICE-		