

# 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 935327	Running/sensor rollers with excess height C_MBT S 18.0/20.0 MU
VZ 935343	Roller surface plastic/ granulate coated R160	VZ 935150	Low-Loader Angle Iron Frame RS2/R160 MU, w/o Pit galvanized
VZ 935346	Roller surface Mixed R160	VZ 935153	Low-Loader Angle Iron Frame RS2/R160 MU, with Pit galvanized
VZ 935326	Flush-floor roller set C_MBT S 18.0/20.0 MU/MI (both rollers raised 50 mm)		

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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 VkbI. 149/2021 Truck Brake Tester	VM 996177	Installation costs C_Tablet-PC -for new 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 (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 charge for work effort >6h)	VM 996246	Assembly costs per Safety railings
VM 996090	Assembly Costs Radio Pressure Converters per unit/recharging box	VV 997606	Packaging MBT from C_MBT S 13.0/MBT 4000 -EUROPE/OVERSEAS-
		VV 997584	Packing Charges Roller Set Lift