BRAKE TESTING TECHNOLOGY
CONNECT SERIES

C_MBT S 20.0 R115 MU
VP 410209

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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 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

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
- C_GSQ or C_GSL pit safety device
- Safety railing
- Roller set cover

Particularly suitable as stand-alone tester
or as part of truck reception and diagnostic test lanes,
at high-frequency operation and increased load

- 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
  - Static exit aid for safe and convenient exit, even when the test stand is switched off
  - 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:
  - 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:
- 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 thevan 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 18.0 R 115 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

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TECHNICAL DATA

Roller diameter	265 mm
Roller axle distance	475 mm
Roller length	1150 mm
gG Fuse	63 A
Power supply	3/N/PE 400 V 50 Hz
Dim. of roller set half (L x W x H)	1430 x 1145 x 740 mm

ACCESSORIES

VZ 935329	Roller set cover C_MBT S 18.0/20.0 R115 traversable up to 20 t
VZ 935342	Roller surface plastic/ granulate coated R115
VZ 935345	Roller surface Mixed R115
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 935151	Angle Iron Frame MBT 7000 RS2, C_MBT S 18.0/20.0 R115 MU with Pit, galvanized
VZ 935146	Angle Iron Frame MBT 7000 RS2, C_MBT S 18.0/20.0 R115 MU w/o Pit, galvanized
VZ 935332	Center cover C_MBT S 18.0/20.0 R115 MU between roller sets
VZ 935294	Roller heating for winter operation
VZ 975921	Weighing device static/dynamic for C_MBT S (Split)
VZ 912037	Test lane preparation with COMFORT interface module
VZ 935335	Roller set raiser, integrated, Mechanical-Hydraulic
VZ 935386	Mechanical-Hydraulic Lifting in Angle iron frame, 13t
VZ 935387	Angle Iron Frame for Lifting of Roller Set,with working pit Version R115
VZ 935388	Angle Iron Frame for Lifting of Roller Set,with working pit Version R115, galvanized
VZ 935340	Mechanical-Hydraulic Lifting with Angle Iron Frame (1-Piece)
VZ 955285	Pneum. Emerg. Lowering Device for Elevating Roller Set (HGV)
VP 935236	Floor Anchors -Above-Groundfor Raisable Roller Set
VP 935237	Floor Anchors -In-Groundfor Raisable Roller Set
VZ 935232	Adapter Set Continental Workshop Tab II / CTC II -NET-
VZ 935276	Prefitting Continental Workshop Tab II / CTC II -NET PRICE-
VZ 935351	Pluggable cable harness 20 m for C_MBT S 13.0 - 20.0 -NET PRICE-
VZ 935357	Extension cable harness 20 m plug-in, for external roller set lift -NET PRICE-
VZ 935360	Extension cable harness 20 m plug-in, for integrated roller set lift -NET PRICE-
VZ 935363	Extension cable harness 20 m plug-in, for roller heating -NET PRICE-
VZ 935366	Extension cable harness 20 m plug-in, for electromechanical motor brake -NET PRICE-
VZ 995764	Galvanising R115 -NET-
VZ 995456	Galvanized version MBT 7000/ R115 with integrated roller set lift -NET PRICE-
VZ 995766	Special Painting C_MBT Trucks -ON REQUEST-
VZ 955315	Large CONNECT control cabinet floorstanding, CONNECT series -EXTRA CHARGE-
VZ 955316	Keyboard tray for large Truck control cabinet
VZ 955308	Monitor holder module with VESA standard
VZ 955297	'Brake tester directive' and interface package Model: Directive 2021
VZ 955325	Automatic mode CONNECT (CE / EN 17003 conformity is void)
VZ 935347	Multi-function control via smart device, C_RECO S or PC
VZ 935348	Multi-function control via illuminated pushbutton at control cabinet
VZ 990548	4 wheel drive regulator set for Visco and Rigid 4 WD (for C_MBT 13.0 - 20.0)
VZ 975491	Universal speed sensor for large wheel diameters
VZ 935394	Two test speeds for 4WD regulation set via smart device, C_RECO S or PC
VZ 935333	Two test speeds switchover via smart device C_RECO S or PC
VZ 935334	Two test speeds switchover via illuminated pushbutton on control box
VZ 971104	Light Barrier Safety Device to avoid Contact with Ceiling
VZ 980049	Start set RADIO/PRESSURE
VZ 980050	Pneum. Radio-Controlled Pressure Converters, Meas. Range 0 - 20 bar, MODEL: C_RCD 50
VZ 985064	Hydr. radio pressure converter, range: 0 - 160 bar MODEL: C_RAH 10-2 - 160 bar
VZ 955314	Radio receiver for radio pressure converter
VZ 955313	Charging Box for 5 pressure converters incl. power supply unit
VZ 990508	Signal display for radio pressure converter
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 955303	Control cabinet heating thermostat controlled
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 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 910199	C_BOX -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 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

VT 998283	Internal transport -SOUTHMBT, MSD -Two-piece/ Split-
VT 998284	Internal transport -NORTHMBT, MSD -Two-piece/ Split-
VT 998257	Internal transport -SOUTHInstallation frame Brake tester Split
VT 998258	Internal transport -NORTHInstallation frame Brake tester Split
VT 998259	Internal transport -SOUTHInstallation frame Brake tester Compact
VT 998260	Internal transport -NORTHInstallation frame Brake tester Compact
VT 998261	Internal transport -SOUTHRoller set lift Truck
VT 998262	Internal transport -NORTHRoller set lift Truck
VT 998263	Internal transport -SOUTHPit safety
VT 998264	Internal transport -NORTHPit safety
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
VM 995148	Routine Test/Calibration acc. to VkBl. 149/2021 Truck Brake Tester
VM 996231	Installation costs for C_MBT Display units
VM 996136	Installation costs Roller set lift/Pull-down device (extra charge for work effort >10h)
VM 996185	Install. costs Floor anchors for roller set lift (extra charge for work effort >6h)
VM 996090	Assembly Costs Radio Pressure Converters per unit/recharging box
VM 996177	Installation costs C_Tablet-PC -for new installation
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 997606	Packaging MBT from C_MBT S 13.0/MBT 4000 -EUROPE/OVERSEAS-
VV 997584	Packing Charges Roller Set Lift