BRAKE TESTING TECHNOLOGY

BT 1550 VP 410195



MBT 3000 SERIES



BT 1550 VP 410195

The test-lane-compatible roller brake tester BT 1550 is designed for the brake testing of cars, vans and light-duty trucks with axle loads of up to 8.0 t. Its standard test speed of 5 km/h complies with the country-specific legal requirements for testing cars and light-duty trucks. Its multi-analogue display, with two pointer gauges, enables the display of brake, side-slip and shock absorption test results.

PRODUCT DETAILS/ACCESSORIES

Description of the MBT 3200 LON:

Test lane-enabled roller brake tester with Multi-analogue display particularly for cars, vans and light lorries with an axle load of up to $8.0\,\mathrm{t}$

- Thanks to 8 t axle load and 2800 mm track width, particularly suitable for vans and light lorries
- As a test speed of 5 km/h is supplied as standard, both cars and light lorries can be tested in compliance with legislation.
- Multi-analogue display with two pointer indicators (Diameter: 2 x 350 mm) and an integrated switch and electrical cabinet Display option for:
 - Brake tester
 - Wheel arch tester
 - · Shock absorption tester
- Difference display (three-digit + LED bar) for evaluating:
 - Difference in braking force
 - Difference in shock absorption
 - Deviation in wheel arch
- Program control using 32-bit microprocessor electronics

enables the finest resolution for the measurement results Dimensions of display (H x W x D) $$910 \times 870 \times 300 \text{ mm}$$

- Comprehensive package of functions for professional testing, such as:
 - Delayed automatic switch-on after entering the tester
 - Automatic start-up monitoring supplied as standard to avoid tyre damage
 - Automatic slip cut-off with pointer stop and automatic restart already included as standard

- Automatic exiting aid supplied as standard to enable the driven axles to conveniently exit the tester
- · Automatic cut-off after exiting the tester
- Single-wheel switching for differentiated consideration of each wheel
- · Robust and long-lasting design due to:
 - Electronic, temperature-compensated strain gauge system for highly precise measurement results under all environmental conditions
 - · Roller surface welded
 - · Optional, free plastic coating on the test rollers
 - 32-bit microprocessor electronics for process control and monitoring of all the safety functions
 - Lockable main switch
 - RS 232 interface connection
 - Splash-proof motors work reliably, even under high-stress environmental influences
 - Weighted test rollers with groove ball bearings ensure maximum precision and complete driving comfort and guarantee a long service life for the entire tester
 - Internationally recognised TÜV certificate as per issue 9/2011 of the Verkehrsblatt (German Transport Gazette)
 - · Star-delta circuit to avoid high inrush currents
 - Self-supporting closed roller set
 - Varnished with high-quality powder coating: Anthracite Grey, RAL 7016

Scope of delivery:

- Analogue display with two pointer indicators and an integrated switch cabinet
- MBT 3000 roller set with preparation for weighing equipment

TECHNICAL DATA

Axle load (can be driven over)	8000 kg
Min. track	870 mm
Max. track	2800 mm
Drive power	2 x 5.5 kW
Test speed	5 km/h

BRAKE TESTING TECHNOLOGY

BT 1550 VP 410195



MBT 3000 SERIES

TECHNICAL DATA

Measuring range	10 kN
Roller diameter	202 mm
Roller axle distance	400 mm
gG fuse	35 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions of roller set (L x W x H)	2925 x 680 x 280 mm

ACCESSORIES

V2 930040 V2 930040 V2 930506 V3 930040 V3 930040 V3 930040 V3 930060 Roller Healing V3 930506 Roller Healing V3 930517 V3 930050 Roller Healing V3 930517 V3 930051 V3 930057 V3 93007 V3 930	VZ 955278	Add-on Kit Brake Tester Directive Model: Directive	WEATHER P	ROTECTIVE ACCESSORIES
ACCESSORIES AND SYSTEM AND SPECIAL VOLTAGE		2011	VZ 955080	Thermostat-Controlled Heater for Electro-Cabinet
V2 93506 V2 980039 V3 980039 V3 980039 V3 980039 V3 935074 Roller cover for MBT 3000 series, 4 1 traversable V2 93014 V3 9301			ACCESSORI	ES PRESSURE EQUIPMENT AND RADIO EQUIPMENT
VZ 930508 Roller Heating VZ 930174 Roller cover for MBT 3000 series, 4 t traversable vZ 930174 Roller cover for MBT 3000 series, 4 t traversable vZ 930174 Roller cover for MBT 2000 series, 4 t traversable vZ 930174 Automatic Pneumatic Lifting Device with light barrier for MBT 2000/3000 LOND-EDG VZ 930170 Production - Welded: VZ 930180 Production - Welded: VZ 93510 Production - Welded: VZ 93512 Production - Welded: VZ 93512 Production - Welded: VZ 93512 Priving and Testing Directions manually selectable both sides or one side vZ 93513 Priving and Testing Directions of Single Wheel sectable with Remote Control of Responsibility of the Responsibility of Responsibil	VZ 9/5546		VZ 980035	Start set radio controlled pressure converter
Automatic Pneumatic Lifting Device with light perior of MT 2xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		Roller Heating	VZ 910154	
Darrier for MBI 12xxx/5000 VZ 98005 Penum Radio-Controlled Pressure Converters, Meas Range 0 - 20 bar MODEL RDD 40 VZ 935110 Plastic-Coated Roller Surface (Standard Production - Welded) VZ 935110 Plastic-Coated Roller Surface (Standard Production - Welded) VZ 93512 Priving and Testing Directions manually selectable both sides or one side VZ 93513 Driving and Testing Directions of Single Wheel selectable both sides or one side VZ 93513 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 93513 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 93513 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 93513 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935141 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935130 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935130 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935130 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935130 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935140 Driving and Testing Directions of Single Wheel selectable via Remote Control VX 935140 Driving and Testing Directions of Single Wheel Single VX 935140 Driving and Testing Directions of Single Wheel Single VX 935140 Driving and Testing Direction Single VX 935525 Driving Annual VX 935254 Driving Production Driving Annual VX 935255 Driving Annual VX 935254 Driving Annual VX 935254 Driving Annual VX 935255 Driving Annual VX 935254 Driving Annual VX 9352		Automatic Pneumatic Lifting Device with light	VZ 910156	
VZ 985110 Plastic-Costed Roller Surface (Standard Production - Welded) Production - Welded) VZ 98512 Driving and Testing Directions manually selectable both sides or one side VZ 93513 Driving and Testing Directions of Single Wheel selectable both sides or one side VZ 93514 DC Brake for MBT 2000/3000 Roller Sets VZ 990352 Special voltage 3 x 230 v 50/60Hz VZ 993515 Post for display cabinet for free-standing installation VZ 95526 Well holder for Multi-analog display 2 or 4, 180° swivable) VZ 95525 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MoDEL: MSA C VARIODATA VZ 95525 Wild holder for Multi-enalog display 2 or 4, 180° subject on the simultaneous Display for Simultaneous Display for Simultaneous Display for Simultaneous Display MSA C LASSIC VZ 955259 Installation Ki to attach Simultaneous Display MSA C LASSIC VZ 955250 VZ 955250 Wall holder for Simultaneous Display MSA C LASSIC VZ 955250 Installation Ki to attach Simultaneous Display MSA VZ 955251 Sipplay module VARIODATA VZ 955252 Installation Ki to attach Simultaneous Display MSA VZ 95527 Support for Simultaneous Display MSA VZ 95527 Support for Simultaneous Display MSA (approx. VZ 95527 Support for Simultaneous Display MSA (LASSIC, VZ 91013 Support for Simultaneous Display MSA (approx. VZ 95527 Support for Simultaneous Display MSA (approx. VZ 95528 Support for Simultaneous Display MSA (approx. VZ 95529 Support for Simultaneous Display MSA (approx. VZ 95529 Support for Simultaneous Display MSA (approx. VZ 95529 Support for Simultaneous Display MSA (approx. VZ 95	VP 930057	Foundation formwork galv., for MBT 2000 RS5/	VZ 980029	Pneum. Radio-Controlled Pressure Converters,
CONTROLLING SYSTEM AND SPECIAL VOLTAGE VZ 935132 Driving and Testing Directions manually selectable both sides or one side VZ 935132 Driving and Testing Directions of Single Wheel selectable both sides or one side VZ 935134 Driving and Testing Directions of Single Wheel selectable both sides or one side VZ 935134 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935134 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935135 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935131 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935252 Foot for directions of Single Whael CLASSIC VZ 955252 Directions Display for MBT 2000/3000 LON/- EUROSYSTEM Model MSA C CLASSIC VZ 955252 Differential display for MBT 2000/3000 LON/- EUROSYSTEM Model MSA C CLASSIC VZ 955252 Differential display for Simultanous Display MSA VZ 955252 Differential display for Simultanous Display MSA VZ 955252 Differential display for Simultanous Display MSA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955254 VZ 955257 Single Manual Post of Simultanous Display MSA VZ 95526 Simultaneous Display MSA (approx. 180° swivalable) VZ 95527 Single Manual Post of Simultanous Display MSA VZ 95527 Sing	VZ 935110	Plastic-Coated Roller Surface (Standard	VZ 985028	
VZ 935132 Driving and Testing Directions manually selectable both sides or one side VZ 935132 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 935134 DC Brake for MBT 2000/3000 Roller Sets VZ 993514 DC Brake for MBT 2000/3000 Roller Sets VZ 993515 Special voltage 3 x 230 v 50/60Hz ACCESSORIES ANALOG-/SIMULTAN-EOUS DISPLAYS VZ 955257 Foot for display cabinet for free-standing installation VZ 955255 Simultaneous Display for MBT 2000/3000 LON/-EUROSYSTEM Model. MSA C CLASSIC VZ 955255 Simultaneous Display for MBT 2000/3000 LON/-EUROSYSTEM Model. MSA C CLASSIC VZ 955252 Differential display for MBT 2000/3000 LON/-EUROSYSTEM MODEL. MSA C VARIODATA VZ 955252 Differential display for Simultaneous Display MSA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955254 Simultaneous Display MSA (approx. 180° swivalable) VZ 955257 Foot for Simultaneous Display MSA (approx. 180° swivalable) VZ 955257 Foot for Simultaneous Display MSA (approx. 180° swivalable) VZ 955250 Display module value of the simultaneous Display MSA (approx. 180° swivalable) VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955251 Support for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955251 Support for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standing installation VZ 955250 Foot for Simultaneous Display MSA (approx. 180° swivalable) for free standi		,	VZ 955071	ů .
selectable both sides or one side VZ 93513 Driving and Testing Directions of Single Wheel selectable via Remote Control VZ 93514 DC Brake for MBT 2000/3000 Roller Sets VZ 991352 Special voltage 3 x 230 v Sp/GoHz VZ 991363 Special voltage 3 x 230 v Sp/GoHz VZ 991364 Software LON Basic for external PC VZ 911264 Software LON Basic for external PC VZ 955275 Printer Compacture for Connecting to Connection to Communication Desk LUROSYSTEM COnnection to Communication Desk LUROSYSTEM MCD 2000 VZ 9552525 Simultaneous Display MSA (approx. 97 sevial Automaticatio				Radio Controlled Pressure Converters
selectable via Remote Control VZ 93514 DC Brake for MBT 2000/3000 Roller Sets VZ 990352 Special voltage 3 x 230 v 50/60Hz VZ 990352 Special voltage 3 x 230 v 50/60Hz VZ 955257 Foot for display cabinet for free-standing installation VZ 955257 Mall holder for Multi-analog display 2 or 4, 180° wivable VZ 955256 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM Model: MSA C CLASSIC VZ 955252 Differential display for Simultaneous Display MSA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955255 Wall holder for Simultaneous Display MSA VZ 955255 Wall know Wall (approx. 90° swivalable) VZ 955252 VZ 955252 Differential display for Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MODEL: MSA C VARIODATA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955255 Wall holder for Simultanous Display VZ 955250 Wall holder for Simultanous Display for MBT 2000/3000 LON/- EUROSYSTEM MODEL: MSA C VARIODATA VZ 955250 VZ 955250 VZ 955250 VZ 955260 VZ 955270 Foot for Simultanous Display MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955272 Foot for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955273 Support for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955274 Sadd For Evertanding Table description and Mouse reception module VZ 955275 Support for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955276 Foot for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955277 Support for Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 955278 Sadd For Evert For Installation Control Cabinet Inst	VZ 935132	selectable both sides or one side	VZ 990090	
VZ 935114 DC Brake for MBT 2000/3000 Roller Sets VZ 911264 Software LON Basic for external PC VZ 990352 Special voltage 3 x 230 v 50/60Hz VZ 910140 USB/RS 232 Converter for Connection to PC Laptop w/o. RS 232 Interface -NET RS 242 Laptop w/o. RS 232 Interface -NET RS 242 Laptop w/o. RS 244 La	VZ 935133			3 3
VZ 993525 Special voltage 3 x 230 V 50/60Hz VZ 910140 USB/RSZ 32 Converter for Connection to PC/Laptop w/o. RS 232 Interface - NET - VZ 95527 Foot for display cabinet for free-standing installation of display cabinet for free-standing installation of display cabinet for free-standing installation of display cabinet for free-standing wire above the installation of display cabinet for free-standing installation of the principle wire above the provided installation in the principle wire above the principle wire principle wire principle wire above the principle wire princip	\/7.00F11.4			
ACCESSORIES ANALOG-/SIMULTAN-EOUS DISPLAYS VZ 955257 Foot for display cabinet for free-standing installation VZ 955257 Foot for display cabinet for free-standing installation VZ 955258 Wall holder for Multi-analog display 2 or 4, 180° VZ 955278 Printer Compartment for Communication Desk EUROSYSTEM MCD 2000 VZ 955258 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM Model: MSA C CLASSIC VZ 950056 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MODE: MSA C VARIODATA VZ 955252 Differential display for Simultanous Display MSA VZ 955253 Display module VARIODATA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation Kit to attach Simultanous Display VZ 955259 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955250 VZ 955250 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955250 Foot for Simultanous Display MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA (LASSIC, for Inst. to Communication Desk MCD VZ 950040 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 990050 Pedal force meter ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 955080 Key Switch for Emergency Stop VM 995148 Routine Test Control MCDEL: Test Cabinet Test				
installation (w/o electronics) Model: MCD 2000 VZ 955256 Wall holder for Multi-analog display 2 or 4, 180° swivable VZ 95055 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM Mode: MSA C CLASSIC VZ 95055 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM Mode: MSA C CLASSIC VZ 95056 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MODEL: MSA C VARIODATA VZ 95056 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MODEL: MSA C VARIODATA VZ 955250 Differential display for Simultanous Display MSA VZ 910052 PC Keyboard and Mouse -NET PRICE VZ 955253 Display module VARIODATA VZ 910000 PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE- VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation kit to attach Simultanous Display MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955250 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA (Approx. 180° swivalable) VZ 955271 Support for Simultanous Display MSA CLASSIC, VZ 910118 DIM Cable 5 m -NET PRICE VZ 955272 Support for Simultanous Display MSA CLASSIC, VZ 910180 HDMI Cable 5 m -NET PRICE VZ 955271 Support for Simultanous Display MSA CLASSIC, VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910013 Radio remote control MODEL: RECO 1 incl. reception module VZ 910007 Infraed Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VM 995148 Routine Test/Calibration acc. to Verkehrsblatt VM 995148 Routine Test/Calibration acc. to Verkehrsblatt			VZ 910140	
Swivable EUROSYSTEM MCD 2000	VZ 955257		VP 186050	
EUROSYSTEM Model: MSA C CLASSIC VZ 950056 Simultaneous Display for MBT 2000/3000 LON/- EUROSYSTEM MODEL: MSA C VARIODATA VZ 955252 Differential display for Simultanous Display MSA VZ 910052 PC Keyboard and Mouse -NET PRICE VZ 955253 Display module VARIODATA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation Kit to attach Simultanous Display MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for SimultanousDisplay MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) for free-standing installation VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910153 Redio remote control MODEL: RECO 1 incl. reception module VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955045 Emergency Switch VX 955045 Working hour meter VX 95514 Working hour meter VX 990140 Working hour meter VX 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 955256		VZ 955273	
EUROSYSTEM MÖDÉL: MSA C VARIODATA VZ 955252 Differential display for Simultanous Display MSA VZ 910052 PC Keyboard and Mouse -NET PRICE VZ 955253 Display module VARIODATA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation Kit to attach Simultanous Display MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for SimultanousDisplay MSA (approx. 180° swivalable) VZ 955257 Foot for SimultanousDisplay MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA (approx. 180° swivalable) for free-standing installation VZ 955271 Support for SimultanousDisplay MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 95014 Working hour meter VZ 95014 Working hour meter VZ 95014 Working hour meter VZ 91014 VZ 95014 Working hour meter	VZ 950055		VZ 955274	
VZ 955253 Display module VARIODATA VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation Kit to attach Simultanous Display MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA (approx. 180° swivalable) VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 95008 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955045 Emergency Switch VZ 955045 Emergency Switch VZ 955045 MSA (VZ 91018 HOMI Cable 15 m - NET PRICE VZ 91019 At Instance 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE- VZ 91019 LCD simultaneous display unit 40 incl. pedestal; HDMI -NET PRICE- VZ 955244 Rotatable & Folding Wall Holder f. TFT Industrial-or TV Flat Screens (up to 42) VZ 955244 Rotatable & Folding Wall Holder f. TFT Industrial-or TV Flat Screens (up to 42) VZ 910193 HDMI Cable 5 m - NET PRICE VZ 910194 HDMI Cable 15 m - NET PRICE VZ 910180 HDMI Cable 30 m - NET PRICE VZ 910180 HDMI Cable 30 m - NET PRICE VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 At Ink jet colour printer (incl. printer cable) -NET PRICE- VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter VZ 950084 Key Switch for Emergency Stop VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 950056		VZ 910177	
VZ 955254 LED-running letters (16 digits) with convenient operator guidance VZ 955269 Installation Kit to attach Simultanous Display MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for SimultanousDisplay MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) for free-standing installation VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950042 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 950045 Emergency Switch VX 950046 We Switch for Emergency Stop VZ 950047 Universed to the support of Simultanous Display MSA CLASSIC, for Inst. to Communication Desk MCD VX 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VX 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VX 99011 Installation over the stalled Separately operated by the support over the stall separate over	VZ 955252	Differential display for Simultanous Display MSA	VZ 910052	PC Keyboard and Mouse -NET PRICE
perator guidance VZ 910192 LCD simultaneous display unit 40 incl. pedestal; HDMI -NET PRICE- Rotatable & Folding Wall Holder f. TFT Industrial- or TV Flat Screens (up to 42) 180° swivalable) VZ 955255 Wall holder for Simultanous Display MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) VZ 955271 Support for Simultaneous Display MSA (LASSIC, or Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955045 Emergency Switch VZ 95104 Working hour meter VZ 95104 VZ 955244 Rotatable & Folding Wall Holder f. TFT Industrial- vZ 955274 Rotatable & Folding Wall Holder f. TFT Industrial- or TV Flat Screens (up to 42) VZ 955244 Rotatable & Folding Wall Holder f. TFT Industrial- or TV Flat Screens (up to 42) VZ 955245 Rotatable & Folding Wall Holder f. TFT Industrial- or TV Flat Screens (up to 42) VZ 910193 HDMI Cable 5 m -NET PRICE VZ 910179 HDMI Cable 5 m -NET PRICE VZ 910180 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 Al lnk jet colour printer (incl. printer cable) -NET PRICE- VZ 910091 Al lnk jet colour printer (incl. printer cable) -NET PRICE- VZ 910153 Radio remote control MODEL: RECO 1 incl. vZ 991055 Transportkosten PC-Recheneinheit in Verbindung mit Pult VZ 990050 Pedal force meter VZ 955048 Key Switch for Emergency Stop VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 955253	Display module VARIODATA	VZ 910200	
MSA to Wall (approx. 90° swivalable) VZ 955255 Wall holder for SimultanousDisplay MSA (approx. 180° swivalable) VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) for free-standing installation VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 95014 Warking hour meter VZ 95045 Wall holder f. TFT Industrial-or TV Flat Screens (up to 42) VZ 910193 HDMI Cable 5 m -NET PRICE VZ 910179 HDMI Cable 15 m -NET PRICE VZ 910180 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 At Ink jet colour printer (incl. printer cable) -NET PRICE- PRICE- SUPPLEMENTARY CHARGES VT 998149 Shipping charges brake tester MBT 3000 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995068 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VM 995148 VM 995148 Rotatable & Folding Wall Holder f. TFT Industrial-or TV Flat Screens (up to 42) VZ 910193 HDMI Cable 15 m -NET PRICE VZ 910180 HDMI Cable 30 m -NET PRICE VZ 910180 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI	VZ 955254		VZ 910192	
180° swivalable) VZ 910193 HDMI Cable 5 m -NET PRICE VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) for free-standing installation VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950042 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 95088 Key Switch for Emergency Stop VZ 95045 Emergency Switch VZ 95046 VZ 95045 Emergency Switch VZ 95046 VZ 95045 Emergency Switch VZ 95045 Emergency Switch VZ 9505045 Emergency Switch VZ 95067 Poot for Simultanous Display MSA, (approx. 180° VZ 910180 HDMI Cable 5 m -NET PRICE VZ 910179 HDMI Cable 5 m -NET PRICE VZ 910180 HDMI Cable 15 m -NET PRICE VZ 910181 HDMI Cable 15 m	VZ 955269		VZ 955244	
VZ 955270 Foot for Simultanous Display MSA, (approx. 180° swivalable) for free-standing installation VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 95008 Key Switch for Emergency Stop VZ 950045 Emergency Switch VZ 910179 HDMI Cable 15 m -NET PRICE VZ 910180 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. pr	VZ 955255	Wall holder for Simultanous Display MSA (approx.		,
swivalable) for free-standing installation VZ 910180 HDMI Cable 30 m -NET PRICE VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955045 Emergency Switch VZ 950149 HDMI Cable 30 m -NET PRICE VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- SUPPLEMENTARY CHARGES VT 998149 Shipping charges brake tester MBT 3000 VT 995655 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995068 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VZ 955045 Emergency Switch VM 996116 Installation costs Brake Tester/MBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt		,		
VZ 955271 Support for Simultaneous Display MSA CLASSIC, for Inst. to Communication Desk MCD VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 95108 NSA CLASSIC, VZ 910181 HDMI Splitter, 4-port incl. 2 m cable -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET price. VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET price. VZ 990050 Price Pri	VZ 955270			
for Inst. to Communication Desk MCD VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955088 VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 910091 A4 Ink jet colour printer (incl. printer cable) -NET PRICE- A4 Ink jet colour printer (incl. printer cable) -NET PRICE- SUPPLEMENTARY CHARGES VT 998149 Shipping charges brake tester MBT 3000 VT 995655 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995068 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VM 996116 Installation costs Brake TesterMBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	\/7.055071	, ,		
VZ 950064 Display and Control Cabinet Installed Separately ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955014 Working hour meter VZ 95005 PINTER AND REMOTE CONTROLS SUPPLEMENTARY CHARGES VT 998149 Shipping charges brake tester MBT 3000 VT 998149 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995065 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VM 996116 Installation costs Brake TesterMBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 9552/1			
ACCESSORIES PRINTER AND REMOTE CONTROLS VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955014 Working hour meter VZ 991048 Shipping charges brake tester MBT 3000 VT 998149 Shipping charges brake tester MBT 3000 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995065 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VM 995106 Installation costs Brake Tester MBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 950064		VZ 910091	
VZ 910153 Radio remote control MODEL: RECO 1 incl. reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter ACCESSORIES SAFETY SYSTEMS VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955014 Working hour meter VT 998149 Shipping charges brake tester MBT 3000 Transportkosten PC-Recheneinheit in Verbindung mit Pult VT 995065 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VM 996116 Installation costs Brake TesterMBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	THOE			
reception module VZ 910047 Infrared Remote Control IFB3 VZ 990050 Pedal force meter VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955014 Working hour meter VT 995148 Installation costs Brake Tester MBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt				
VZ 910047 Infrared Remote Control IFB3 mit Pult VZ 990050 Pedal force meter VT 995068 Transportkosten Schaltschrank, Simultananzeige, PC-Pult pro Stück VZ 955088 Key Switch for Emergency Stop VM 996116 Installation costs Brake TesterMBT 2200 LON, VZ 955045 Emergency Switch VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	12310100			11 0 0
ACCESSORIES SAFETY SYSTEMS VZ 955088 Key Switch for Emergency Stop VZ 955045 Emergency Switch VZ 955014 Working hour meter VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 910047	Infrared Remote Control IFB3	VI 993033	
VZ 955088 Key Switch for Emergency Stop VM 996116 Installation costs Brake TesterMBT 2200 LON, MBT 3200 VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 990050	Pedal force meter	VT 995068	Transportkosten Schaltschrank, Simultananzeige,
VZ 955045 Emergency Switch MBT 3200 VZ 955014 Working hour meter VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	ACCESSORI	ES SAFETY SYSTEMS		PC-Pult pro Stück
VZ 955014 Working hour meter VM 995148 Routine Test/Calibration acc. to Verkehrsblatt	VZ 955088	Key Switch for Emergency Stop	VM 996116	,
	VZ 955045	Emergency Switch	\A. 1.00 E4.15	
	VZ 955014	Working hour meter	VM 995148	

BRAKE TESTING TECHNOLOGY MBT 3000 SERIES

VP 410195



VM 996090 Assembly Costs Radio Pressure Converters (max.

10 pcs.) per unit/recharging box

VM 996088 Montagekosten Allradregelsatz bei Neuinstallation

VM 995679 Assembly Costs per Display Unit

VM 996117 Pre-installation Brake Tester MBT 2000/3000

with 10 m cable

VM 996118 Connection and Calibration Brake tester MBT 2000/3000 with 10 m cable