

# PERFORMANCE MEASUREMENT TECHNOLOGY DYNAMOMETERS

**R 200/2 DIVIDED**  
VP 430004



## R 200/2 DIVIDED VP 430004

The double roller dynamometer R 200/2 DIVIDED with an eddy current brake on each roller set and pneumatic lifting beam is designed to measure the performance of trucks and stands out due to its extremely robust, durable and low-maintenance construction. The R 200/2 ensures highest measuring accuracy due to the power measurement at a constant rpm, speed or tractive force, including the towing power measurement. For tuning and adjustment tasks the load simulation is evaluated graphically. An extension up to a wheel power of 660 kW is optionally possible.

### PRODUCT DETAILS/ACCESSORIES

Description:

- Self-supporting split roller set for improved accessibility while pulling down the vehicle
- Hydraulic lifting bar
- Cardan shaft for connecting both load rollers
- Varnished with high-quality powder coating: Anthracite Grey, RAL 7016 (dynamometer frame, covers)
- Wet-coated load roller, ruby red, RAL 3003

### TECHNICAL DATA

Axle load	15000 kg
Max. electric eddy-current brakes	2 x 150 kW
Dimensions per roller set (L x W x H)	2260 x 1100 x 865 mm
Weight	approx. 2500 kg
Min. track	1000 mm
Max. track	2800 mm
Smallest testable wheel diameter	500 mm
Roller diameter	318 mm
Power supply	3/N/PE 400 V 50 Hz
gG fuse	63 A
Max. test speed	200 km/h
Max. wheel power	300 kW
Max. wheel power (optional)	660 kW
Max. tractive force	15 kN
Measurement accuracy	
Wheel power measurement	+/- 2% from measured value
Packaging dimensions (L x W x H)	4700 x 1300 x 1300 mm
Weight including packaging	approx. 2800 kg

### ACCESSORIES

VZ 935181 Flame coated load rollers for roller set R 100/R 200 -EXTRA CHARGE-

VZ 935111 Reinforced Eddy Current Brakes max. wheel power 660 kW, 25 kN (2 pcs)

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VZ 935051 Hydraulic Load Simulator with 2 restraining straps for Roller Set R 200/2  
VZ 935102 Standard Vehicle Restraint System  
VZ 930021 Idle Roller Set for Trucks with twin-axle drive  
VZ 935054 Thermostat-Controlled Fan for attachment on top of one air cooled eddy current brake  
VZ 975651 Calibration Device LPS/MSR, R200 w Reinforced Eddy Current Brakes (Telma CC 330)

VZ 975652 Calibration Device LPS R50/R100/R 200 universal (Telma CC 160, CC 330)

#### **SUPPLEMENTARY CHARGES**

VT 995020 Transportkosten R 200  
VM 995061 Montagekosten R 200 -AUF ANFRAGE  
VM 995060 Montagekosten Leer-Rollensatz -AUF ANFRAGE  
VM 996151 Montagekosten Belastungseinrichtung für LPS 3000 -AUF ANFRAGE-