



WHEEL BALANCERS

Wheel balancer VAS 741 119 | Non-contact

Wheel balancer for professionals | pneumatic clamping system | automatic wheel recognition | 19" touchscreen | 3D laser scanner + outer line laser | wheel guard with sonar for steel and aluminum wheels | auto stop function | One-Plane Balancing

Article number: 1 692 501 016

Description

Wheel balancer for passenger cars, designed by professionals for professionals, with fully automatic wheel detection:

Measuring and Balancing

- Balancing in 4.7 seconds
- Stops wheel automatically in exact correction position
- LED for increased visibility when placing weights
- Internal laser point for precise weight positioning
- External line laser for clip-on weights
- Split program for hiding weights behind spokes

3D Laser Scanner

- Contactless measurement of distance, rim width, and rim diameter
- Optimized for black and glossy rims
- No data arm or measuring gauge, everything fully automatic

Wheel Data Detection

- Fully automatic wheel data detection
- Automatic selection of clip-on and adhesive weights program
- Highest measurement accuracy of +/- 0.5g
- Balancing program starts automatically when closing the wheel guard

Auto Adaptive Mode

- Dynamic tolerance adjustment based on weight and size
- Minimizes remaining imbalance to eliminate smallest vibrations noticeable by the driver

Wheel guard with integrated sonar

- Automatic recognition of rim width in steel and aluminium rims
- Without manual input with measuring gauge
- Closing of wheel guard automatically starts balancing program

19" touchscreen monitor

- Graphical step-by-step illustrations
- Simplifies correct balancing with guided processes
- Touchscreen usable with gloves on

Secure pneumatic clamping

- Pneumatic clamping with 250kg clamping force
- Ensures consistent clamping for all four wheels
- Wheel weights up to 75kg
- Optional with wheel lift

One Plane Balancing

- Eliminates dynamic imbalance with only one weight instead of two
- Fewer correction positions on the rim
- Less consumption of weights

Optional upgrade: Diagnostic function with VAS 741 119/2

- Automatic height deviation measurement with every balancing operation (4.7 seconds)
- Hubmatch: eliminates vibrations by rotating the tire on the wheel
- Eliminates even the slightest vibrations without the need for an expensive roller

Lieferumfang

- 4 cones Ø43-112,5mm
- Pneumatic quick lock sleeve
- Clamping cap for aluminum rims
- Pressure ring
- Rubber ring
- 60g counterweight
- Weight pliers

Technical Data

Max. wheel diameter	44" 1117mm
Weight	130 kg
Shaft diameter	40 mm
Measuring speed	100 rpm
Measuring time	4,7 s
Display	19" Industrial Touchscreen
Max. rim width	20 "
Max. rim diameter	30 "
Max. wheel weight	75 kg
Length	1300 mm
Height	1770 mm
Electrical connection	230 V 50 - 60 Hz 1 ph
Width	1300 mm
Motor power	0,15 kW
Min. rim diameter	10 "
Number of cones	4
Balancing accuracy +/-	0,5 g
Packaging length	1480 mm
Packaging width	1130 mm
Packaging height	1165 mm
Min. rim width	1,5 "
Air supply	7 - 10 bar
Wheel data recording	Fully automatic
Stackable	2 Piece(s)
Units per 20ft container	13 Piece(s)
Units per 40ft container	30 Piece(s)

Accessories

1 692 502 191	Wheel lift VAS 741 119/1 with memory function
1 692 502 207	Eccentricity Diagnostic Upgrade VAS 741 119/2 for VAS 741 115 and VAS 741 119
1 692 502 044	Large clamping cap for aluminium rims
1 695 901 667	Flange extension Off-Road 40 mm
1 695 656 698	Centering system DuoExpert 3 collets 54 - 78 mm
1 695 655 294	Specific clamping plate set QuickPlate variable for 3-, 4-, 5-hole rims 3 pcs.