

Service	3. Workshop Equipment
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**WE1329**

**Wheel-alignment system with Hawkeye sensors**

**Scope**

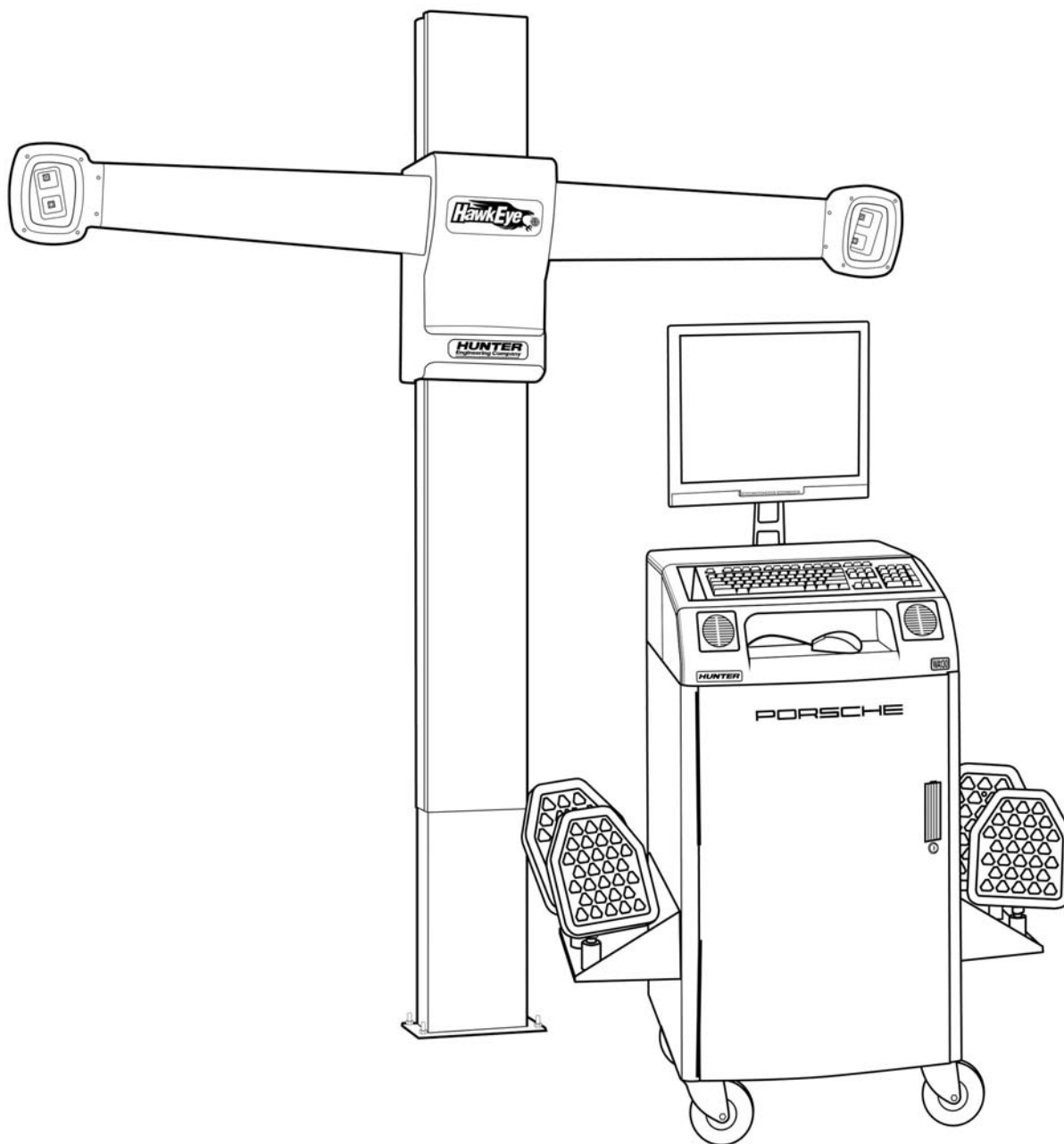
For high-precision wheel alignment on all Porsche models.

# PORSCHE

Service

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## Description



WE1329

Mobile console with colour screen, PC, PC keyboard, mouse and colour printer. Four high-resolution, digital cameras are used to continually measure the position and orientation of the wheel reflectors in order to obtain extremely precise wheel-alignment values. The HawkEye cameras are positioned up high on a crossbar above the measuring station and are therefore optimally protected against knocks and the effects of day-to-day processes in the workshop. Various types of camera crossbars

are available and can be ordered according to workshop requirements. Digital photos and videos are used to illustrate the individual adjustment processes in the best possible way.

### Advantages

- Maximum alignment accuracy.
- No spoiler adaptors required.
- Measuring beam is not interrupted during toe adjustments.
- No electronics at the wheel.
- No cables or electronic connections between the reflectors, turnplates and console.
- No adjustment of reflectors.
- Strong reflectors made of “non-shatter” aluminium. No glass.
- Reflectors do not have to be re-aligned at the wheel during alignment.
- No electronic turnplates required for measuring toe difference angle and maximum steering angle.
- Reflector bolts can be used with the Porsche quick-clamp adapter option (WE1265 must also be purchased).
- Customer database for permanently storing customer alignment data.
- Ride height measurement using handheld electronic ride height measuring device.
- ASA Net compatible.

### Technical Data

19-inch screen (1024 x 768 resolution)

Windows Vista operating system

WinAlign wheel-alignment program in 36 languages

Video/audio in German, English, French, Italian, Japanese and Spanish.

Wheel sizes:	Suitable for all Porsche rims (WE1265 required)
<b>Specific Data:</b>	<b>Measuring range</b>
Camber	± 8°
Caster	± 19°
Kingpin inclination	± 19°
Individual toe (front/rear)	± 4°
Geo. axle	± 4°
Toe-difference angle	± 25°
Maximum steering angle	± 50°

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<b>Dimensions</b> (W x H x D):	570 x 1,510 x 580 mm (22.5 x 59.5 x 23 in)
<b>Colour:</b>	RAL 7035 (grey) RAL 9005 (black)
<b>Turnplate</b> Max. load Turning range	1,000 kg (with and without weighing unit) +/- 50°
Dimensions: (L x W x H)	450 x 450 x 50 mm (17.7 x 17.7 x 2 in)
Sliding range of upper turnplate:	± 48 mm (± 1.9 in)
Weight: Weight tolerance	25 kg (55 lbs)# 1 kg ± 1 kg
Power supply:	90 to 140 or 185 to 260 volts, 50/60 Hz, single-phase

## Scope of Delivery

- 1 mobile console
- 4 storage trays for alignment reflectors
- 1 PC with Windows Vista operating system and WinAlign alignment software.
- 1 19-inch screen
- 1 mouse
- 1 country-specific keyboard
- 1 colour printer
- 4 Hawkeye reflectors (without wheel adapters), 4 Hawkeye camera system.
- Assembly in front of measuring station
- 1 steering-wheel holder
- 1 brake tensioner
- 1 remote control
- 1 electronic ride height measuring device

## Accessories

- |  |                     |
|--|---------------------|
| Set (2-piece) containing 50-mm turnplates with plastic cover (for use as turnplate for front/rear-axle sliding plates) | Order No. 20-1849-1 |
| Set (2-piece) containing compensating plates for rolling compensation and turnplate bridges                            | Order No. 20-1850-1 |
| Set (4-piece) containing mechanical turnplates with weighing unit, cables and plastic cover                            | Order No. 20-2128-1 |
| Platform cabling kit (only required for turnplates with weighing unit)   | Order No. 20-631-1  |

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Universal wheel holder (4 required)

Order No. 175-325-1

Wireless radio remote display

Order No. 30-421-1-E



## Information

Porsche quick-clamp holders (WE1265) are required for wheel alignment and must be ordered separately.

## Manufacturer

Hunter Engineering Company, USA

## Price

Available from manufacturer or supplier on request

## Supplier

see Manufacturer/Supplier

Hunter Deutschland GmbH