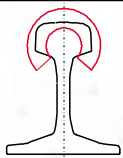


# RHPG

## Vignoles Rail Head Profile Gauge



Automatic gauge for the non contact measurement of the Vignoles type rail head profile, delivered with a beam perpendicular to the track axis as the measurement datum, supported by two rails (tablet computer not included).

Measured parameter		Resolution	Accuracy	Angular measurement range
Working envelope Rmin = 20 mm Ring thickness = 30 mm		0.03 mm	±0.05 mm	40° ÷ 270°
Number of measurement files		99		
Memory size		512 kB equivalent to about 100 rail head profiles		

	Weight [kg]	Dimensions W x D x H [mm]
Gauge	5.5	110 x 660 x 250
Charger	0.5	60 x 90 x 85
Keyboard	1.3	114 x 36 x 170
Beam	6.4	900 x 230 x 140
Carrying case	4.5	740 x 180 x 295

Operation time when fully charged 8 hours. Operating conditions: -5 ÷ +45°C, humidity 15 ÷ 85% no condensation, working in rainy weather possible.

Splash-proof control unit with foil keyboard and alphanumerical LCD display shows values of the measured parameters and stores their values, signaling measurement errors. The measurement is made automatically, controlled by the control unit, by tilting the movable gauge arm around the rail head.

The MS Windows based PC software has the following features:

Transmission of the measurement results over USB or the serial RS 232 link to the PC computer

Printing of the measurement reports

Visualizing and assessment of the measurement results

Dimensioning, scaling, rotating, flipping, overlaying, layer management, annotating, edition of drawings

Set of templates for the user specified rail and turnout profilese

Export of measurement results in DXF format

