

Cross-precision spirit level
Item No. 4960/150 – 4964/150

Manufacturer:
Roeckle Neigungsmesstechnik e.K.
Lichtäckerstr. 11
D-73770 Denkendorf
Tel. +49 (0)711 311332
Fax +49 (0)711 3161727
E-Mail info@roeckle.com
web www.roeckle.com



Product:

Cross precision spirit level according to DIN 877. Stable version made of high-quality special casting, structurally lacquered. Measuring surfaces flat ground, with ground and split longitudinal and transverse vials with lateral insight. Suitable for aligning horizontal surfaces. The sensitivity of the longitudinal vial is indicated on the type label.

Technical information:

Length	mm	150
Width / Height	mm	150 / 33
Weight of the water scale	kg	1.26
Item No. 4960	0.30 mm/m	X
Item No. 4961	0.10 mm/m	X
Item No. 4962	0.04 mm/m	X
Item No. 4963	0.02 mm/m	X
Item No. 4964	0.01 mm/m	X

(X = available)

Hole distance 60 mm for M8 cylinderhead screws, bore diameter 9 mm

Special designs optional:
With magnets

Accessories:
Custom, robust plastic case for storage (496x/xxx/KK)

Additional service optional:
Measuring protocol

Working/storage temperature:

For precision mechanical spirit levels, the working temperature is 20°C (+/-5 K) and the storage temperature is -40°C to +70°C.

Tolerances according to DIN 877 depending on the sensitivity of L > 100 mm (L ≤ 100 mm):

0.3 mm/m:	T _{zul} =	60(120) microns/m,	DoE = 0.4 (0.8) Scd
0.1 mm/m:	T _{zul} =	20(40) microns/m,	DoE = 0.4 (0.8) Scd
0.04 mm/m:	T _{zul} =	10(10) microns/m,	DoE = 0.5 (0.5) Scd
0.02 mm/m:	T _{zul} =	10(10) microns/m,	DoE = 1.0 (1.0) Scd
0.01 mm/m:	T _{zul} =	10(10) microns/m,	DoE = 2.0 (2.0) Scd

T_{zul} = permissible tolerance, DoE = difference value on envelope, Scd = scale divisions