

STABILA®



How true pro's measure



IP67

**ULTRA
PROTECT**

**Electronic spirit levels
TECH 196 DL and TECH 196M DL**

Tough. Waterproof. No calibration.

Electronic spirit levels TECH 196 DL and TECH 196M DL Made for extreme challenges.

Water, dirt and vibrations – tools must be able to withstand a lot. With the TECH 196 DL electronic spirit level, you are perfectly equipped for harsh everyday conditions on the construction site.

ULTRA-PROTECT ensures it can easily be cleaned under water and the highly accurate electronics module does not need to be recalibrated after being dropped or following temperature

fluctuations. This high-quality German-made product comes with user-friendly features to make every measuring task easier: two digital displays illuminated at the touch of a button, acoustic guidance and numerous display modes.

State-of-the-art technology ensures you can work efficiently. Also available with extra-strong rare-earth magnet system.



ULTRA-PROTECT

Optimum protection against dust and water as per IP 67 – the spirit level can temporarily be submerged in water.

Buttons are easier to clean as the membrane keypad is less sensitive.



ULTRA
PROTECT



CAL-FREE

There is no need to calibrate the electronic system during daily use even if the product is dropped or following temperature fluctuations.

Electronic system

All features at a glance



TECH 196 DL
 STABILA
 Landauer Str 45
 D-76855 Annweiler
 Germany

1

Liquid crystal display
 Extra-large, high-contrast LCD makes it easy to read off measurements.

2

Automatic display inversion:
 The digital display rotates for measurements in the reverse position.



3

Illumination:
 Two digital displays that can be read easily in any conditions and illuminated at the touch of a button at two different levels – the settings of the display lighting are saved when the unit is switched off and back on again.



4

Display modes:
 °, %, mm/m, in/ft – decimal and as fraction.

High measurement accuracy (electronic inclination measurement):
 0° and 90°: ± 0.05°
 1° to 89°: ± 0.1°

5

SENS button:
 Fast changeover between fine and rough adjustment in the °, % and in/ft display modes.

6

KEY-LOCK function:
 Keypad lock to protect against accidental activation of the keypad.

7

HOLD function:
 Stores the measured value – for accurate measurements and quick transfers even in hard-to-see places.

8

REF function:
 The reference angle function allows an angle measurement to be accepted, saved and transferred to other components.

9

Two digital displays:
 Two digital displays which can be read easily regardless of conditions.



10

Acoustic guidance:
 Align components quickly without having to look at the spirit level – with two different audible signals.



quiet



loud

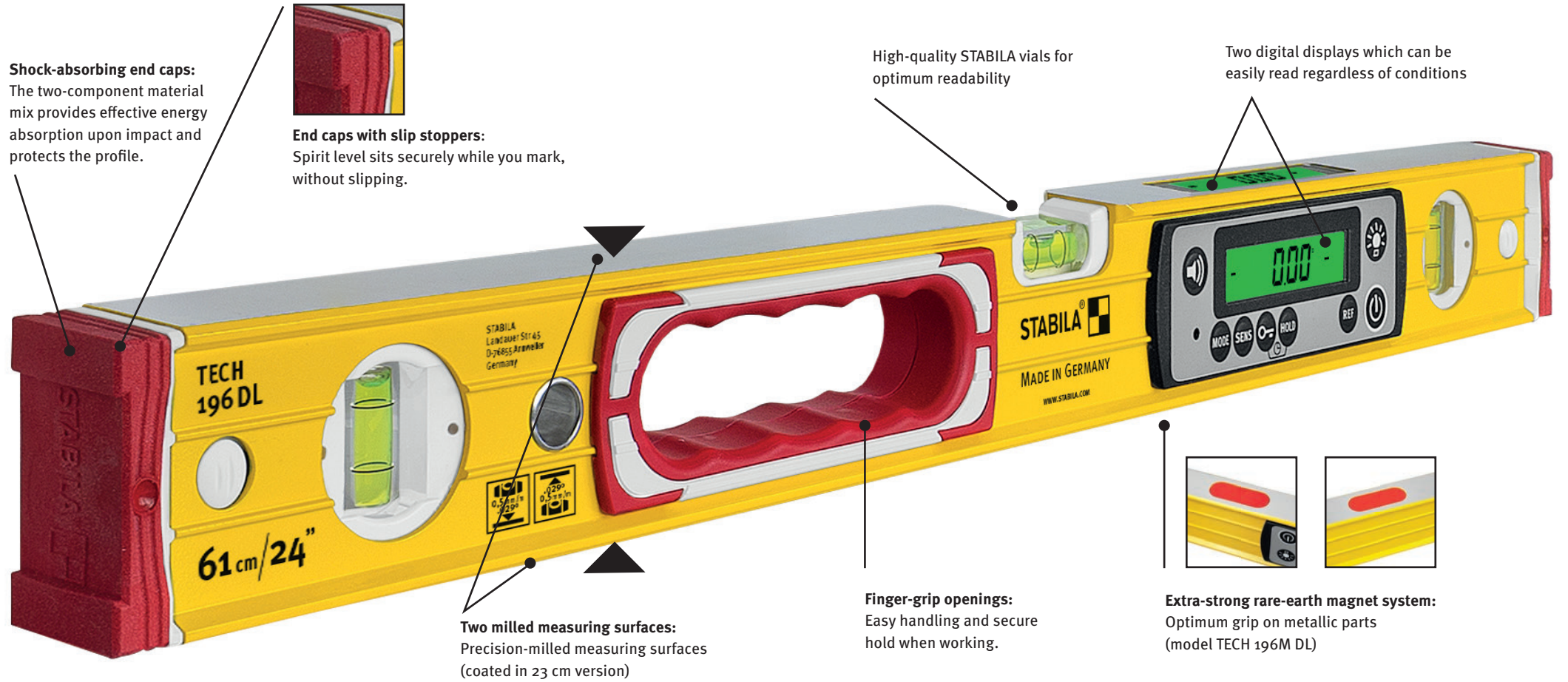


muted

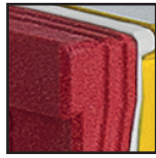
The spirit level

Key features at a glance

MADE IN GERMANY



Shock-absorbing end caps:
The two-component material mix provides effective energy absorption upon impact and protects the profile.



End caps with slip stoppers:
Spirit level sits securely while you mark, without slipping.

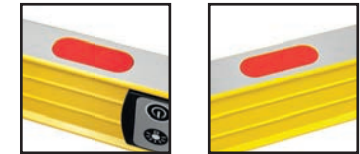
High-quality STABILA vials for optimum readability

Two digital displays which can be easily read regardless of conditions

Two milled measuring surfaces:
Precision-milled measuring surfaces (coated in 23 cm version)

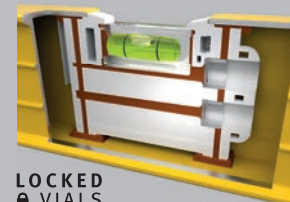
Finger-grip openings:
Easy handling and secure hold when working.

Extra-strong rare-earth magnet system:
Optimum grip on metallic parts (model TECH 196M DL)



Removable end caps

Exact positioning and marking right to the corners.



LOCKED VIALS

LOCKED VIALS

STABILA integrated vial technology (LOCKED VIALS) ensures long-term accuracy when measuring with spirit level vials – the measuring accuracy in normal and in reverse position is $\pm 0.5 \text{ mm/m}$.

TECH 196 DL

Especially suitable for taking exact measurements in carpentry, joinery, kitchen installation, stair installation and civil engineering. Ideal for architects to check completed work, e.g. the slope of a balcony. Perfect tool for use in gardening and landscaping work – for example when laying a garden path on a slope.





TECH 196M DL



The TECH 196M DL model with extra-strong rare-earth magnet system is especially suitable for metal construction, metalwork and concrete formwork. Leaves the user's hands free when aligning and adjusting components.

Electronic spirit levels

TECH 196 DL and TECH 196M DL

Type

Accuracy of electronic inclination measurement at 0° and 90°

Accuracy of electronic inclination measurement at 1° to 89°

Measuring surfaces

Vial accuracy *

End caps

Measuring modes

Batteries

Operating time (without illumination)

Protection class



TECH 196 DL

± 0.05°

± 0.1°

2 x

0.5 mm/m

Slip stopper

°, %, mm/m, inch/ft

2 AA

400 hours

IP 67

Art. No.

19831

19830

19829

19828

19827

19826

19824

TECH 196M DL

± 0.05°

± 0.1°

2 x

0.5 mm/m

Slip stopper

°, %, mm/m, inch/ft

2 AA

400 hours

IP 67

Art. No.

–

–

19823

–

–

–

19820



Length

23 cm *

40 cm

61 cm

81 cm

100 cm

122 cm

183 cm

* 23 cm without vials

Always included: practical spirit level case

TECH 196 DL
TECH 196 DL electronic spirit level,
spirit level case, 2 x AA batteries

TECH 196M DL 
TECH 196M DL electronic spirit level,
spirit level case, 2 x AA batteries



TECH 196 DL, 23 cm
Ultra-compact, 100% digital

Especially suitable for aligning
short components or in
tight spaces.



STABILA Messgeräte
Gustav Ullrich GmbH
Landauer Str. 45
76855 Annweiler, Germany
☎ +49 6346 309-0
✉ info@de.stabila.com
www.stabila.com

Good tools make for good work

Precise measurement is one of the most fundamental aspects of manual work. So it's important that professionals are able to completely rely on the accuracy of their measuring tools. In any weather and in the harshest construction site conditions. Tough, durable and accurate tools that are easy to use. STABILA designs and produces measuring equipment of exactly this calibre. And has done so since 1889.

 See all products at
www.stabila.com

   
@STABILA Official



Our technical support team will assist you with all questions relating to selecting and using our products:
Call +49 6346 309-0 or send an e-mail to info@de.stabila.com.
Errors or changes in colour, technology and equipment excepted.

