

Device Passport Axicube T2

Purpose

The Axicube T2 electronic angle finder is designed to measure geometric angles between planes and to measure angles of deviation of surfaces from the horizontal and vertical (inclinometry).

Technical specifications

Angle measurement range	0 – 180°
Measurement accuracy	0.1°
Measurement error	±0.1°
Scale	0.1°
Battery	Li-Pol, 3.7B, 420mAh
Charge current	DC, 5V, 420mA
Continuous operating time	24 hours
Dimensions (L x W x H)	21.5 x 32 x 50 mm
Weight	74 gr

Set includes

USB Type-C cable - 1 pc.

Axicube T2 electronic angle finder – 1 pc.

User manual – 1 pc.

Packaging – 1 pc.

Device passport – 1 pc.

IMPORTANT! Do not hold down the buttons for more than 15 seconds.

Warranty

► The current warranty conditions are listed on the Manufacturer's website. In case of discrepancies, the terms and conditions posted on the Manufacturer's website take precedence.

► The warranty period for the product is 1 year from the date of sale, but no longer than 1.5 years from the date of manufacture.

► The warranty period can be extended under special programs offered by the Manufacturer. The date of sale is the date on the shipping documents and/or the warranty card.

► This warranty entitles the Buyer to have the product repaired free of charge in case of defects related to materials and assembly. All repairs, including warranty and post-warranty repairs, are performed only at the Manufacturer's facilities.

► The warranty does not apply to packaging materials.

► Warranty repair of partially or completely disassembled

equipment is excluded. Such repairs are available on a paid basis.

► The warranty repair is not carried out in the following cases:

– when the equipment is not used for its intended purpose as specified in the operation manual;

– in case of external mechanical damage to the equipment;

– in case of defects due to non-compliance with storage and transportation rules, force majeure circumstances, as well as unfavorable atmospheric or other external effects on the equipment, such as rain, snow, high humidity, heating, aggressive environments, etc.;

– If damage has occurred due to failure to comply with the operating conditions specified in the operation manual or due to unauthorized modifications;

► The equipment is removed from the warranty in case of violations of the operating rules specified in the User Manual.

► Before sending your product for warranty, non-warranty, or post-warranty service, be sure to contact the Manufacturer via email.

Storage and transportation

► Store the product in its original packaging or in a dust-free place at an air temperature between +5°C and +40°C.

► It is allowed to transport by all means of transport at temperatures from -20°C to +50°C.

► If the product is transported at subzero temperatures, it may only be used after 3 hours of being at room temperature

Disposal

Dispose of the electronic angle finder and packaging in

accordance with the regulations and rules in the field of production and consumption waste management. Paper, polymer and metal waste must be sorted according to the standards for separate waste collection approved in your region. The electronic angle finder must be disposed of separately. Do not dispose of electrical devices together with household waste, contact a hazardous waste collection point. Contact your local municipal recycling authorities or certified recycling companies specializing in the disposal of such devices in your area.

Operating rules

The product is designed to work in macroclimatic areas with moderate climate. Operating temperature +5...+35°C.

Not allowed:

Do not allow a full discharge of the device!

► during long-term storage, check the battery charge level once a month. If the charge level is low, charge the device for at least 30 minutes.

► apply to the product any load of a destructive nature (drop, throw from a height, shake, etc.);

► use it in a way other than its intended use (in any way other than measuring the sharpening angle);

► disassembly of the body, changing the shape of the device charging connector;

► getting moisture on the display and power connector.

AXICUBE

T2

ELECTRONIC ANGLE FINDER

USER MANUAL

Attention!

If transported at subzero temperatures, keep the Axicube T2 at room temperature for at least 3 hours before use.

Operate the Axicube T2 in environments with an ambient temperature between +5 °C and +35 °C and relative humidity not exceeding 95%.

Operating Rules

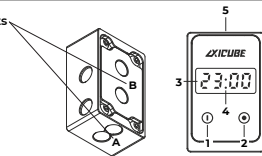
Do not subject the device to careless handling, including drops, impacts, exposure to excessive moisture, or use outside its intended purpose.

Do not hold the buttons in the pressed state for more than 15 seconds.

Structure

Measuring points

1. Power button;
2. Reset button;
3. Display;
4. Divider;
5. USB port



General Information

When powered on, the Axicube T2 returns to the mode that was active before shutdown. The selected mode is displayed during startup.

To view the current operating mode while the device is on, press and hold the button for 0.5 s.

To turn off the device, press and hold 0 for 3 s.

If no buttons are pressed, the Axicube will automatically power off 5 minutes after being switched on.

To change the operating mode, press and hold 0 + 0 for 0.5 s.

Modes

The Axicube T2 features 4 operating modes for different tasks.

P1	00:00	Inclinometer
P2	00.0	Kadet/Blitz
P3	00.0	K01-K03
P4	000.0	Angle finder

Mode 1

P1 00:00 Inclinometer 0 -99.99°

The inclinometer mode is designed to measure the angle of inclination relative to the horizontal plane. It operates relative to base B.

Calibration:

Place the angle finder on a flat surface.

Press and hold 0 for 15 seconds. The display will start flashing, release the button.

The display will show the symbol P-1, place the angle finder against a fixed vertical reference, for example a wall, and press 0, wait until the symbol P-2 appears, then rotate the angle finder 180° against the same reference surface and press 0 again.

Mode 2

P2 00.0 Kadet/Blitz 0 -99.9°

Inclinometer mode designed for sharpening systems such as Blitz and Kadet, as well as for measuring angles between two planes. Operates relative to base A.

To find the angle:

1. Place the Axicube with base A on the abrasive holder.
2. Reset with 0 for 0.5s → 00.0 → 00.0
3. Place the Axicube on the angle finder platform using base A.
4. Set the required sharpening angle.

To find the angle:

1. Place the Axicube on the angle finder platform using base A.
2. Reset with 0 for 0.5s → 00.0 → 00.0
3. Place the Axicube (base A or base B) on the abrasive holder.

This method allows you to verify correct knife positioning and determine whether the sharpening angle needs adjustment on specific sections.

Mode 3

P3 00.0 K01-K03 -99.9° - +99.9°

Inclinometer mode designed for sharpening systems of the K0 type. Operates relative to base B.

To find the angle:

1. Place the Axicube with base B on the angle finder platform.
2. Reset 0 for 0.5s → 00.0 → 00.0
3. Place the Axicube with base B on the abrasive holder.
4. Set the required sharpening angle.

Mode 4

P4 000.0 Angle finder 0 -180.0°

Angle measurement mode for everyday tasks such as home repairs, construction, and equipment setup. Used to measure the angle between two planes. Operates relative to base A.

To find the angle:

1. Place the Axicube on a surface using base A.
2. Reset 0 for 0.5s → 000.0 → 000.0
3. Determine the required angle by rotating the device to the left or right side.
4. Note: if the device is placed on base B, it will display a symbol 0000:0000 indicating "use base A".

Charging

A full charge of the device takes 30 to 60 minutes. Do not allow the device to fully discharge. Charge the Axicube at least once a month.

Troubleshooting

Issue	Solution
ERR9	The error occurs in Mode P3 when attempting to zero the device on a surface with a large deviation from horizontal. Turn off the angle finder 0 for 3 seconds, level the sharpening system, and repeat the zeroing procedure.
The display shows: LO:	This error occurs in Mode P3 when attempting to zero relative to base A. Use base B for zeroing instead.
Large measurement deviation	Perform a full calibration reset. Press and hold the 0 + 0 for 10s. After resetting, the display will show 0000



Video Manual



PDF Manual

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