Description

The Axicube Shift electronic angle finder allows you to monitor the sharpening angle in real time and track any changes in the angle with an accuracy of 0.1°, for example, when changing the abrasive. The display readings are easy to read in any lighting conditions. The angle finder sensor is vibration-resistant. The angle finder is mounted on a special rail and can be removed from the rod to reduce the load on the abrasive.

Axicube Shift is equipped with a removable lithium-polymer battery. A USB Type-C connector is used to charge the device. One battery charge is sufficient for 24 hours of continuous operation, and the angle finder will indicate the need for charging when turned on with the message "Lo." on the display. Charging takes 15-20 minutes, with a current of up to 0.5 A and a voltage of 5 V.

Important! For uninterrupted operation, the device requires monthly charging.

Components

TSPROF abrasive holder with removable Axicube Shift angle finder, 8 mm	1. 8 mm abrasive holder rod 2. 8 mm abrasive holder guide rod with K4 coupling sleeve 3. K4 abrasive stopper 4. Axicube Shift electronic angle finder 5. K4 abrasive stopper with a rail 6. Calibration prism 7. USB Type C charging cable 8. K4 stroke limiter - 2 pcs. 9. Stroke limiter spring - 2 pcs. 10. Abrasive holder spring 11. K4 movable stopper fixing screw
TSPROF abrasive holder with removable Axicube Shift angle finder, 6 mm	1. 6 mm abrasive holder rod 2. 6 mm fixed abrasive stopper 3. Axicube Shift electronic angle finder 4. 6 mm abrasive stopper with a rail 5. Calibration prism 6. USB Type C charging cable 7. Abrasive holder spring
Axicube Shift electronic angle finder, 8 mm	1. K4 abrasive stopper 2. Axicube Shift electronic angle finder 3. K4 abrasive stopper with a rail 4. Calibration prism 5. USB Type C charging cable 6. K4 movable stopper fixing screw
Axicube Shift electronic angle finder, 6 mm	1. 6 mm fixed abrasive stopper 2. Axicube Shift electronic angle finder 3. 6 mm stopper with a rail 4. Calibration prism 5. USB Type C charging cable

Assembly

1. Assemble the abrasive holder.

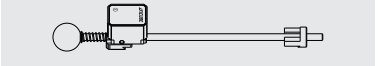
1.1 Insert the abrasive holder and guide rod into the connecting sleeve until they touch, so that the point of contact between the rods is located in the middle of the sleeve.

1.2 Secure the position of the guide and holder.

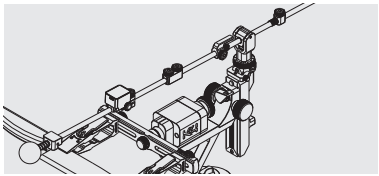
Axicube Shift assembly variant with 8 mm guide rod



Axicube Shift assembly variant with 6 mm guide rod

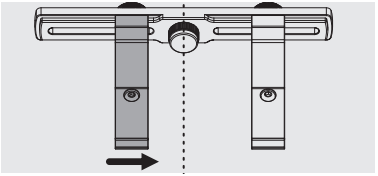


2. To mount on the sharpening device, remove the stroke limiter, insert the guide rod into the hinge unit, and mount the stroke limiter.

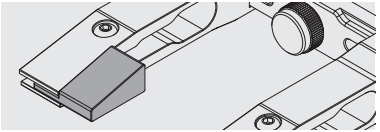


Calibration

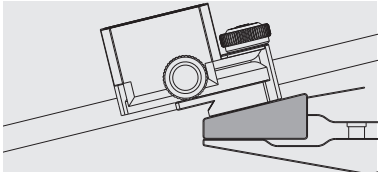
1. Place the left clamp as close to the center as possible.



2. Clamp the calibration prism as shown.



3. Place the Axicube Shift on the prism. Make sure there is no gap between the prism and the angle finder.





1. Press the power button to turn on the angle finder.



2. Hold down the power button for 6 seconds.



3. Wait for the symbols on the display to flash, then release the button (the symbols "===" will flash on the screen) and press it again briefly.



4. The display will show a value of 14°. Calibration is complete.

AXICUBE shift

QUICK-DETACH ANGLE FINDER

USER MANUAL

The electronic protractor is now configured and ready for use. No recalibration is required when turning it on again.

Important! If you change the position of the system or move it to another surface, you must recalibrate it to avoid deviations between the electronic angle finder readings and the actual values.

Note. The angle finder is programmed so that regardless of the angle of the surface on which it is placed, after calibration, the display will always show a value of 14.0°.

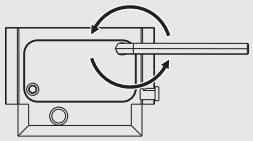
Using the device

1. Turn on the angle finder by pressing the power button.
2. When the battery is low, the display will show Lo. In this case, the angle finder must be charged. It takes 15-20 minutes to fully charge the device.
3. Place the knife in the clamps of the sharpening system.
4. Secure the abrasive stone in the holder on the rod.
5. Using the electronic angle finder, set the required angle of the rod with the abrasive stone.
6. After finishing work with the angle finder, you can turn off the device by pressing the button, or it will turn off automatically after two minutes.

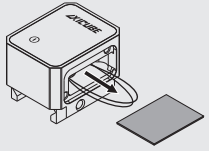
Replacing the battery of the Axicube Shift electronic angle finder

1. Use a 1.5 mm hex key to remove the battery compartment cover located on the side of the electronic angle finder body.
2. Remove the anti-vibration plug from the battery compartment.
3. Carefully remove the wires connecting the battery to the device and disconnect the connector.
4. Remove the battery and replace it with a new one.
5. Connect the contact connectors and carefully place the wires inside the battery compartment.
6. Install the anti-vibration plug over the wires. Secure the battery compartment cover by tightening the screws with a 1.5 mm hex key.

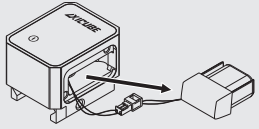
Step 1



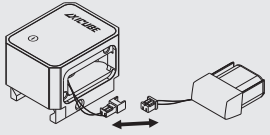
Step 2



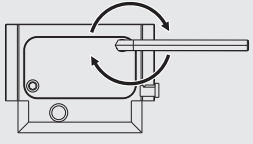
Step 3



Step 4



Step 5



Storage and transportation

The product should be stored in its original packaging or in a dust-free place at an air temperature between +5°C and +40°C. Transportation by all types of transport is permitted at temperatures between -20°C and +50°C.
If the product is transported at sub-zero temperatures, it may be used no earlier than 3 hours after being brought to room temperature.

Disposal

Disposal of this product at the end of its service life must be carried out in accordance with the requirements of state regulations on waste disposal. The product must not be disposed of together with general household waste.

Warranty

The current warranty terms and conditions are available on the Manufacturer's website.

In case of discrepancy, the terms and conditions posted on the Manufacturer's website shall prevail. The warranty period for the product is 1 year from the date of sale, but no more than 1.5 years from the date of manufacture.

The warranty period may be extended in accordance with the Manufacturer's special programs.

The date of sale is the date of the shipping documents and/or the date the warranty card was filled out.

This warranty entitles the buyer to free repair of the product in case of defects related to the quality of materials and assembly.

Warranty, non-warranty, and post-warranty repairs are carried out at the Manufacturer's production facilities.

Operating rules

The product is designed for use in macroclimatic regions with a temperate climate. Operating temperature range: +5°C to +35°C.

The following is not permitted

- Applying any destructive force to the product (dropping, throwing from a height, shaking, etc.);
- Using it for purposes other than intended (in any way other than measuring the sharpening angle on compatible sharpening systems);
- Disassembling the body, changing the shape of the device charging connector;
- Getting moisture on the display and power connector.

Manual 8 mm | Manual 6 mm

Video Manual

TSPROF

Manufacturer: OOO «Tekhnostudia Profil», ul. Koltsevaya, 8, s. Pervomayskiy, Zavialovskiy rayon, Udmurt Republic, Russian Federation, 426014

+1 (839) 333-5359 | sales@tsprof.com

tsprof.ru