

TVU 7.2

Scanning Head Support for SH 11



The scanning head support TVU 7.2 was designed for on site meter testing together with the photo-electric scanning head SH 11.

Advantages

Virtually all meter types common in the market can be tested by the large fixation range.

The robust and simple construction makes a fast and simple fixing of the scanning head possible at the meter.

The high repeatability of the measuring position approves that several meters of the same type can be tested efficiently.

The fine adjustment is used for the precise positioning of the scanning head.

Functions

The support above with the integrated tension arm produces the required force to securely attach certainly the scanning head to the meter.

The fixation range is determined by the displacement of the upper and lower supports and fixed with the locking screws.

The position of the scanning head can be adjusted at height and depth.

The vertical positioning is rotatable around the guide rod, in such a way that the meter, if required, can be tested from the side.

Application

The scanning head support TVU 7.2 is used to test meters on site where a fast and simple handling is required.

Technical data

Weight:	600g
Dimensions:	W 120 x D 185 x H 460
Fixation range:	90 - 425mm
Material of support:	Plastic, black
Material of guide rod:	Steel
Material of contact faces:	Rubber, black

Construction

- [1] Guide rod
- [2] Tension arm
- [3] Support above
- [4] Locking screw above
- [5] Vertical positioning part
- [6] Locking screw vertical positioning part
- [7] Horizontal positioning part
- [8] Locking screw horizontal positioning part
- [9] Support below
- [10] Locking screw below

Operating instructions

For the optimal fixing of the scanning head the instructions below should be regarded step by step:

- Put the vertical positioning part [5], the support above [3] and the support below [9] onto the guide rod [1]. Control that the rubber contacts of the supports are facing each other
- Define the positions of the supports [4] and [9] and of the vertical positioning part [5] regarding the size of the meter under test. The tension arm [2] must be put down in direction away from the guide rod [1]
- Put the scanning head support onto the meter under test and fix the supports above [3] and below [9] with the locking screws [4] and [10]
- Clamp the scanning head support by putting down the tension arm [2] in direction to the guide rod [1]
- Fasten the scanning head SH 11 on the horizontal positioning part [7] by means of the two screws
- Put the horizontal positioning part [7] onto the scanning head support and fix it with the locking screw [8]
- After adjusting the scanning head by arranging the vertical and horizontal positioning, the test can be started

