

## **Instrucion Manual for Measuring Stick ref. 70190.000**

This measuring stick to measure the height, length and width of horses. It measures heights up to 170 cm maximum. This can be increased up to 180 cm by attaching the enclosed extension part. The measuring legs that are necessary for doing the measurements are integrated in the measuring stick.

### Measuring legs

For measuring the height of the withers we only need the upper measuring leg. By pulling out the measuring stick the measuring leg becomes visible at the inner side of the square rod. It can be easily drawn out and opened upwardly to 90° until it will be locked in place. When we draw out the measuring rod further, the second measuring leg becomes visible directly below the first one. For taking it out the measuring stick must be drawn to such an extent that the leg is completely free. Now it has to be pushed a little in upwards direction with your thumb so that it is released from the support. Then the measuring leg has to be stuck in the appropriate reception support at the upper round end of the measuring stick and fixed tight with the existing screw.

### Measurement of height

For measuring the height install the upper measuring leg into the support. Accurate results of measurement can only be achieved in vertical position of the stick.

**Höhenmaße = measurements for the height**, 96 – 170 cm, vertical readable.

When measurements are made on weak ground the point at the end of the measuring stick gets approx. 1,5 cm deep into the earth. However, this has already been taken into account and has no importance. When measures are made on solid ground where the point cannot dip in, it should be taken into account that we must add 1,5 cm to the measurement that we have made.

### Extension part

In case that a horse is higher than 1,70 m, an extension part is included in the delivery. Before the enclosed extension part can be installed on the measuring stick, the point at the end of the measuring stick has to be removed and the extension part has to be screwed into this place..

Doing all the measurements we have to take into account that we must add 10 cm to the determined value when measuring on weak ground and 11,5 cm when measuring on solid ground.

### Measurement of lengths and width

For the determination of measurements of lengths and widths of the horses there are special scales on the square rod of the measuring stick, where you can read the corresponding results.

For these measurements both legs have to be installed and used.

**Längenmaße = measurements for the length**, 94 – 170 cm, horizontal reading.

**Maße für Breiten = measurements for the width**, 7 – 80 cm, horizontal reading.