

# Instrument for measuring mouthpiece depth and effective length of liner

International standards ISO 3918, 5707 and 6690 for milking machine installations define and describe how some essential dimensions of a liner are measured. New dimensions are mouthpiece depth and effective length of liner. MTT Agrifood Research Finland has manufactured an instrument with which it is possible to measure these dimensions.

The instrument consists of a plate, a scale and a freely moving rod. The distance from the plate surface to the tip of the rod can be read from the scale.



When measuring the mouthpiece depth the instrument is placed on the mouthpiece of a liner. Vacuum is connected to the short milk tube. The rod is pulled outwards until it no longer touches the liner. When released the rod is pulled by the vacuum towards the liner and the distance can be read as mouthpiece depth. Record the vacuum.

To be able to centre the tool properly the instrument will be delivered with a set of adaptors that can be used when measuring mouth piece depths in liners that have different mouthpiece diameters.

The same instrument can be used to measure the distances from the bottom of the teat cup. Result from the distance and other liner dimensions will give you the effective length of the liner.

Price: 175,- € + shipping costs.

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