



# CrimpiX

Crimp Height Measurement Device



Quality control

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## CrimpiX - crimp height measurement device

CrimpiX is a digital crimp height measurement device that distinguishes itself with a clincher **customized for the connection** to be measured. Thus position of the connection could be placed in the only possible way and there is no risk of wrong results.

### You benefit in

- Clincher follows the shape of a sample, which excludes the risk of improper positioning of a sample and false results.
- Spring-loaded measuring pin provides sufficient pressure to measure the sample, but doesn't deform it. Thus, unlike calipers or some micrometers, the measurement accuracy is independent of the operator.
- Quick-change clincher allows to measure different connections with one device.
- Built-in camera displays enlarged view of the work area facilitating the operator's work.
- Captured images and measurements are saved on SD card or can be transferred to PC by Bluetooth.
- CrimpiX can be synchronized with Viso software: measurement results will be automatically added to Viso report on connection comprehensive quality check.

### Technical characteristics

Measuring range	0-10 mm
Accuracy	0,005 mm (0,001 mm on demand)
Power supply	5 W max.
Data transmission	Bluetooth, SD card
Screen resolution	320x240 px / 3.5"
Image resolution	640x480 px
Dimensions (W x D x H)	275x250x275 mm
Weight	2.5 kg



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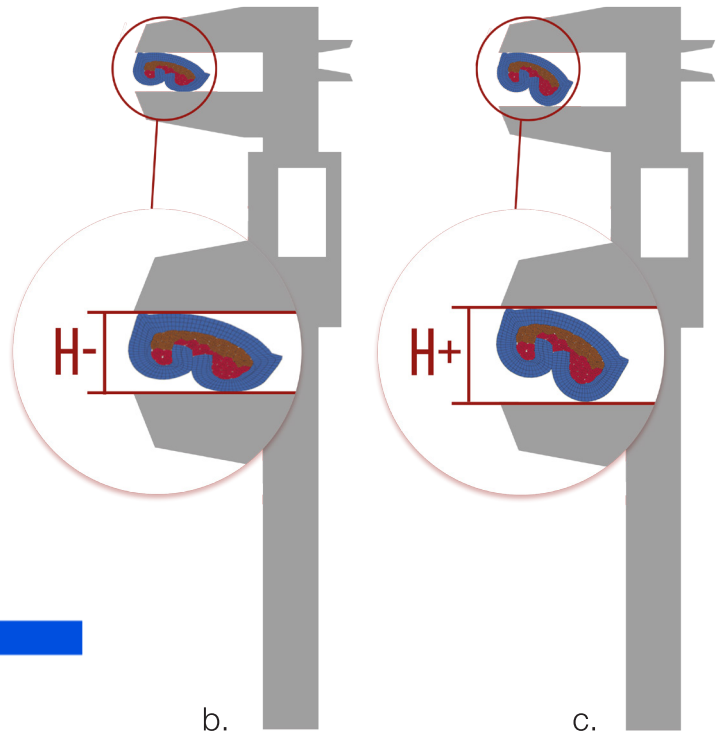
## CrimpiX vs. caliper and micrometer

The jaws of a **caliper** doesn't fit the shape of a crimp.

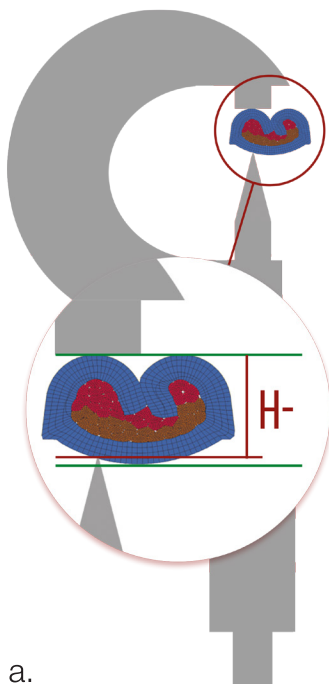
As a result it can not always get to the bottom of a crimp or the sample can turn.

In both cases obtained height values will be wrong.

Another reason of improper measurement results is overcompression of the sample.

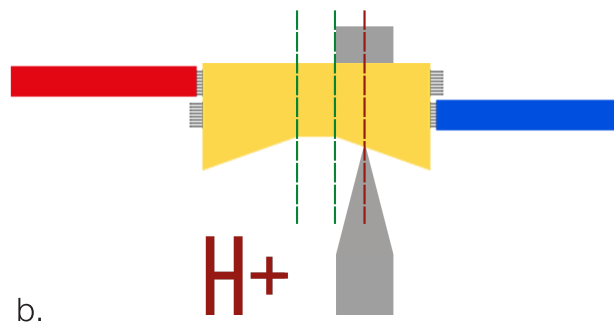


**Caliper:** a. Shapes mismatch; b. Crimp overcompression c. Wrong positioning.



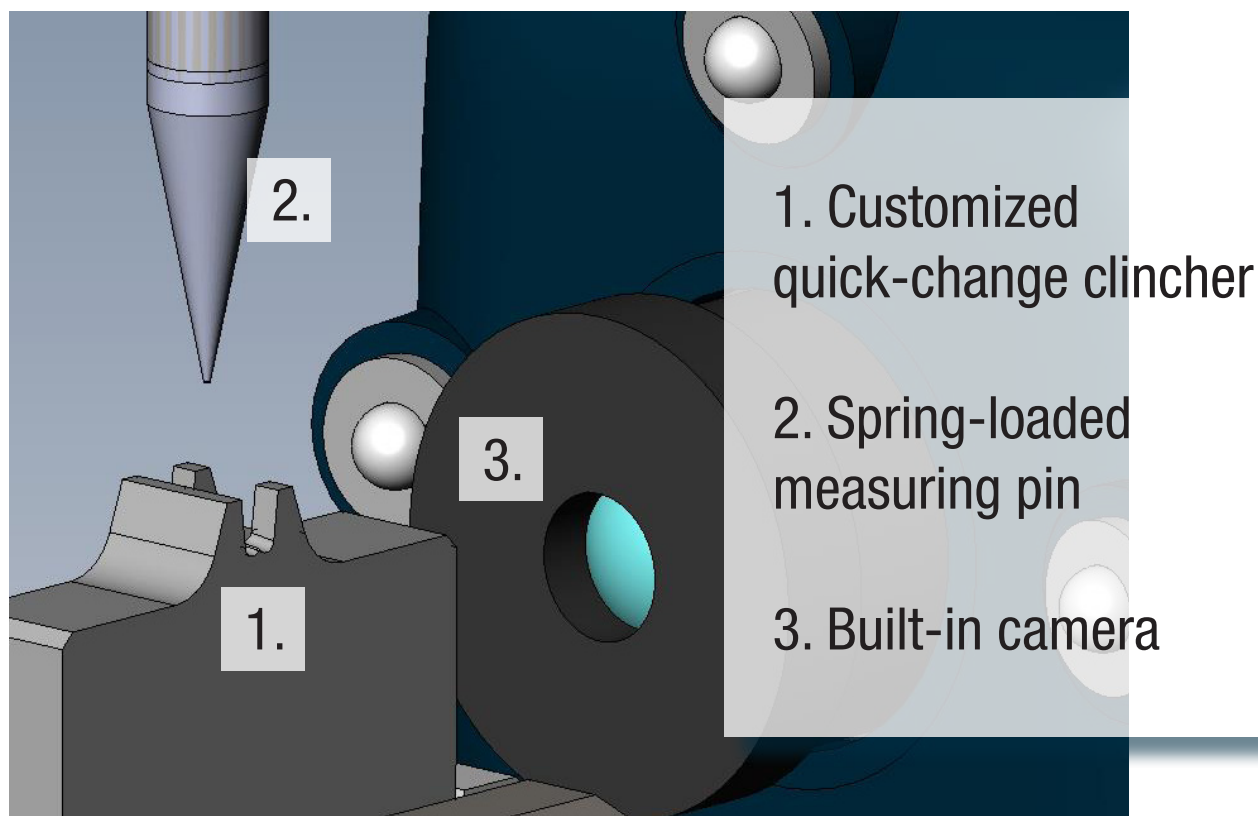
Due to the shapes mismatch within **micrometer** measurement crimp may be positioned between the anvil and the pin randomly, both in the longitudinal and in transverse planes.

Thus, the accuracy of measurement depends on the skills of operator.



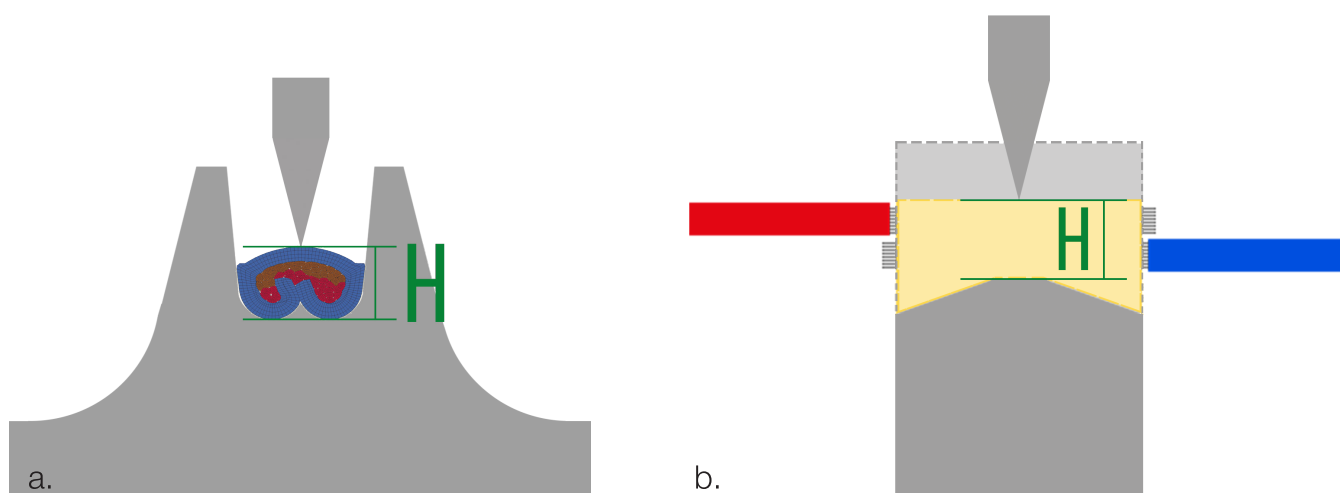
**Micrometer:** a. Wrong positioning in transverse plane; b. Wrong positioning in longitudinal plane.





**CrimpiX** guarantees proper positioning and correct measurement values thanks to a customized design of a clincher - it follows the shape of a crimp.

Overcompression is impossible due to spring-loaded pin - it brings pressure sufficient for measurement, but without a risk of sample deformation.



**CrimpiX:** a. Proper positioning in transverse plane; b. Proper positioning in longitudinal plane.



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