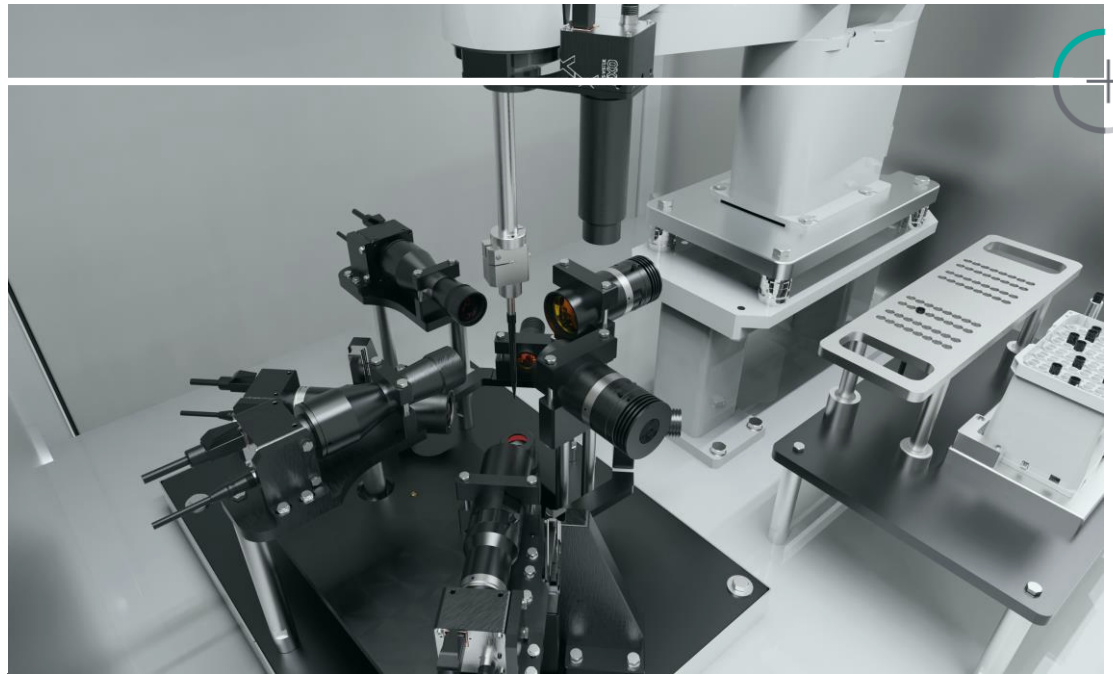
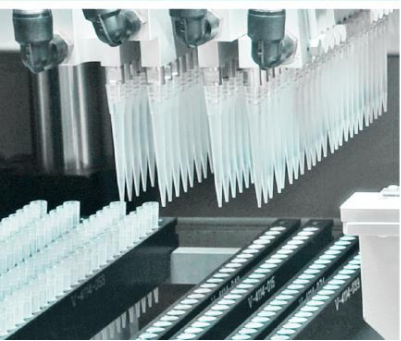
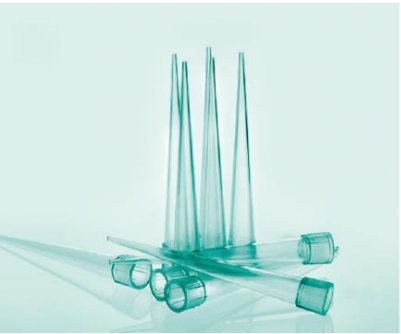


HEKUpip QC

QC-Assistant for Pipette Tips



perfecting your performance



HEKUt^{ip} QC



Detailed quality inspection
of **64** Pipette Tips
in **10** minutes

HEKUt^{ip} QC | Features



Manual insertion of pipette tips* as single parts, in a tray/rack or in a QC tray for up to 96 pipette tips

Pick-up and handling of pipette tips by SCARA robot

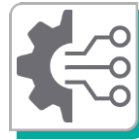


Vision inspection of pipette tip within 5 - 10 sec. by various camera stations

- Bottom view (standard)
- Side view from one or multiple angles/heights (optional)
- Absolute length with two cameras (optional)
- Run-out measurement with 3D calculation and stereo system (optional)

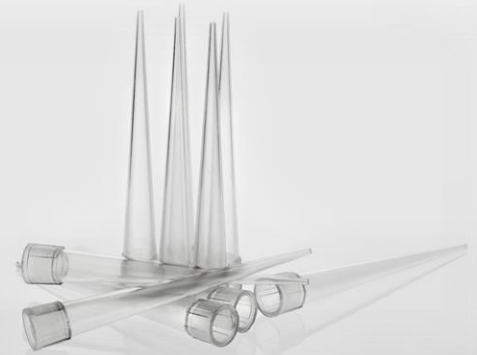
Cavity-specific evaluation, graphical summary and result storage in central database

Sorting out of NOK parts if necessary

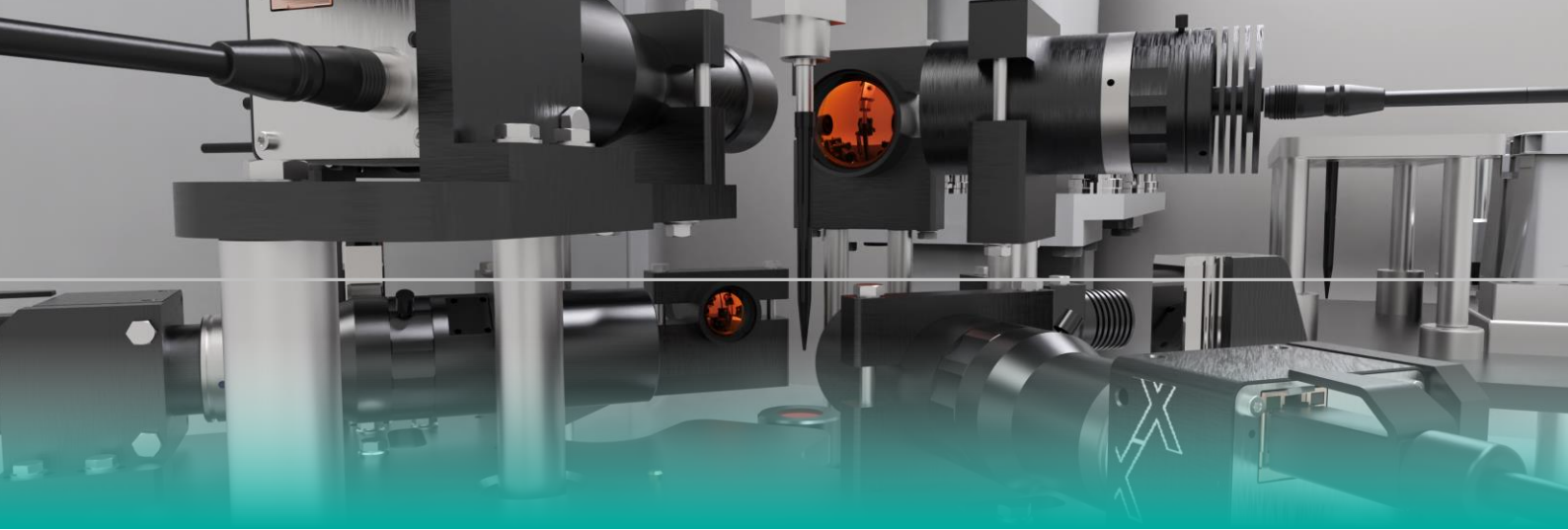


Optional Features:

- Automatic cavity number reading
- Teachable Insertion force with realtime force measurement
- Verification of the filter depth for filtered pipette tips
- Airgauge measurement of the inner diameter of the upper connection
- Black speck and bubble identification
- Modification for customer specific parts
- OPC UA Interface
- UL Conformity
- Clean room compatible design
- Laminar Flow Box



*Pipette tip variation: length: 20 - 120 mm; diameter: 0.5 - 2.5 mm; transparent or black



At a glance

- universal – detailed quality checks and measurements through various camera options
- flexible – scalable configuration for processing pipette tips from different production lines according to tailored needs
- high quality – comprehensive quality proof for the benefit of simplified qualification and validation processes
- efficient – fast inspection procedure with relief of measuring systems/laboratories and saving of qualified staff
- innovative – Industry 4.0 concept with transparent production data for the benefit of predictive maintenance of production lines
- compact – small footprint



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