

News and Innovations 03/2024

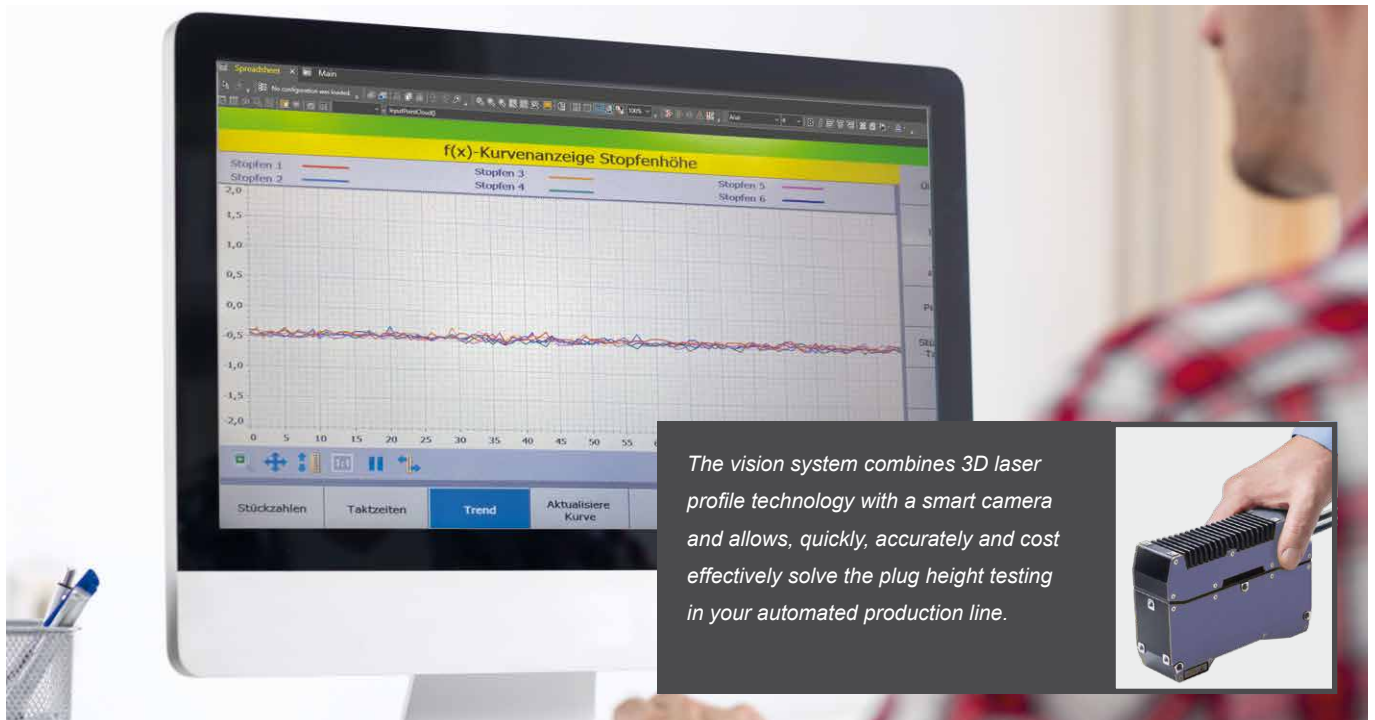
Efficient quality control:

Fully automatic plug height testing with innovative 3D laser profile technology



Only top-quality batteries should leave your factory. Accumation has developed an advanced system to monitor plug heights fully automatically. Using innovative 3D laser profile technology, the plug height is measured in relation to the lid surface.

In this way, quality is already proactively assured during the production process.

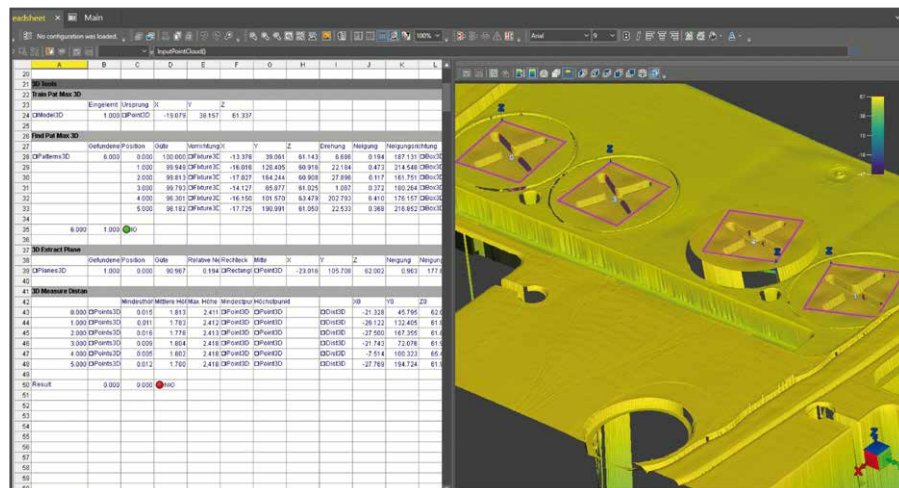


The vision system combines 3D laser profile technology with a smart camera and allows, quickly, accurately and cost effectively solve the plug height testing in your automated production line.

Your benefits:

- + **Precise optical measurements**
- + **No setup times**
Fully automatic conversion to other battery types or plug types
- + **Measurement during pass through**
- + **Storage of the measurement data**
for traceability purposes
- + **No need to touch the battery**
during the measurement
- + **Reproducible quality**
1 μm Z repeatability
- + **As a „stand-alone system“ or optional extension**
for the Accumation automatic screw-driving machines

Better image capture in a real-world setting



Thanks to the speckle-free blue laser optics system, the image processing system can capture higher quality images than conventional laser profile sensors.

This type of laser optics minimises speckle and glare, which are typical problems with 3D laser systems.

We offer comprehensive services and know how:

For your high-precision and reliable battery production we offer the complete finishing line from a single source!



**Machines
for the production of**

Starter batteries

Traction batteries

Industrial batteries



**Advice +
Analysis**

On-site in your company



**Technical service +
Customer service**

Remote maintenance

Worldwide

Pütz Group – a strong association of specialists.

Our network of experts optimises your production for maximum efficiency.

Accumation GmbH
Lindenstraße 3
65555 Limburg-Offheim
GERMANY

info@accumation.de
Phone: +49 6431 285650-0
www.accumation.de