

Factory Calibration for PAS100

The term calibration can indeed have various interpretations. Typically, the calibration of devices requires a calibration certificate issued by a laboratory accredited according to ISO/IEC 17025.

However, our ES03 and PAS100 systems do not fall into the category of classical calibration devices.

In fact, the term calibration is somewhat misleading in this context. The ES03 and PAS100 systems are designed to check percentage deviations from a 100% mark rather than perform traditional calibration according ISO DIN EN ISO/IEC 17025.

To avoid misunderstandings, we are working closely with our testing laboratory to update our certificates, protocols and operating instructions accordingly. All terms such as calibration certificate have been replaced with adjustment certificate, setting certificate, or factory calibration.

Our adjustment and analysis systems will continue to be verified according to standards of DAkkS. However, this updated terminology aims to mitigate misunderstandings associated with the term calibration.

Of course, our systems are subsequently calibrated to ensure that we can then adjust crimping machines or crimp force monitoring systems. This process fulfills all necessary requirements.

With the PAS100 analyzing system, our new press analysis system is being introduced as the successor to the ES03. This system is calibrated according to standards of IATF 16949:2016. Only Schäfer Werkzeug- und Sondermaschinenbau GmbH, as the manufacturer, is authorized to calibrate the assembly of PAS100 and offer this service as a factory calibration.

Our factory calibration process meets the requirements of the IATF 16949:2016 Section 7.1.5.3.1 regarding the following points:

1. Defined Scope of our laboratory
2. Adequacy of the laboratory technical procedures
3. Competency of the laboratory personnel
4. Testing of the product
5. Reviewing of the related records
6. Laboratories scope is included in the quality management system documentation.
7. Calibration process is defined in a process instruction