

100% CALIBRATION FOR LAB PRODUCTS



100% RELIABILITY



AQUAJUST®CAM: COMPUTER-CONTROLLED CALIBRATION FOR BEST PRODUCTION RATES

Aquajust® CAM is a semi-automatic, computer-controlled unit for adjusting volumetric flasks and measuring cylinders. The adjusting medium is distilled or demineralised water.

The machine consists of one station and can be expanded with a second station, both controlled from the same computer. The operator loads a measuring flask or graduated cylinder onto the station and pushes a button to activate. A defined volume of water is filled into the volumetric vessel and a high precision camera system automatically finds the meniscus and sets a mark.

When a cycle is completed, the operator removes the adjusted flask or cylinder from the station. The next one is then loaded onto the station and the calibration process is repeated. The calibration unit marks a line or ring onto the glassware with a pen. Optional extras include ceramic paint marking or a grinding wheel. The system is conceived for production purposes.

We constantly strive to improve and adapt the machine to the latest state-of-the-art. On request the machines can be modified to suit individual requirements. **For 100% product reliability!**

Your benefits

- Easy handling minimizes user errors
- High accuracy up to 0.010 ml
- Long lasting industrial quality, reliable and low maintenance costs

Technical Data of Aquajust®CAM

Volume range:	Volumetric flasks	10 - 2000 ml
	Graduated cylinders	50 - 2000 ml
Number of marks:	Volumetric flasks	1
	Graduated cylinders	2
On request the machine can produce up to 5 marks on graduated cylinders		
Volumetric flasks	According ISO 1042	
Graduated cylinders	According DIN EN ISO 4788	
Production rate with one station	Flasks 100 ml	120 pcs/h
	Cylinders 100 ml	80 pcs/h

100% CERTIFIED



CeDeD | Center of Device Development

Contact:

Dr. Andreas Diegeler

Head of CeDeD

Phone +49 9342 9221 702

andreas.diegeler@isc.fraunhofer.de

Fraunhofer Institute for Silicate Research ISC

Bronnbach Branch

Bronnbach 28

97877 Wertheim-Bronnbach

Germany

Phone +49 9342 9221 701

Fax +49 9342 9221 799

info@isc.fraunhofer.de

www.isc.fraunhofer.de

