

Calibration and Testing Bench

B28 VTB

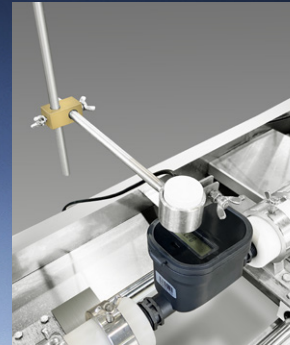




Our highly automated calibration bench, integrating DCS, DDC, and PLC process - control technologies, stands out with superior stability control, optimized tube layout, precise measurement, and an intuitive interface. Leveraging a team of seasoned industry experts, Bove caters to both water meter manufacturers and national metrology institutions. We offer bespoke calibration solutions meticulously tailored to each client's specific needs.

Composition of equipment

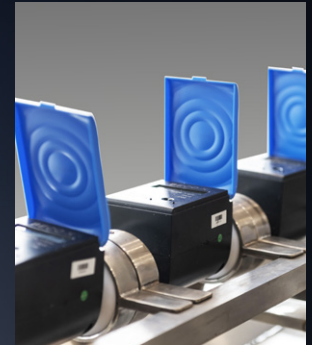
Highly automated and digitalized water meter calibration management significantly enhances the efficiency and accuracy of meter calibration.



Intelligent data reading



Electromagnetic Flow
Meter



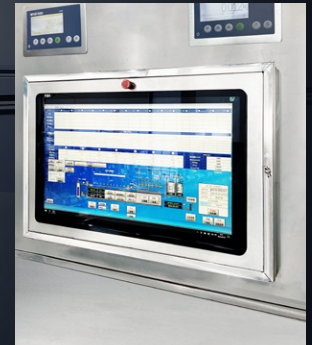
Pneumatic Connection
Tubes



Electronic Scale



Water Tank



Intelligent Multilingual
Touch Tablet



Master Flow Meter

Yokogawa flow meter, the minimum flow rate can reach as low as 3L/H.

Pneumatic Connection Tubes

Pneumatic connection tubes ensure secure fixation of water meters across varying pressure and flow rate conditions, optimizing calibration stability.

Diverter Valve

Ultra-responsive diverter valve with rotational time differential $\leq 2-5$ ms.

Tablet PC

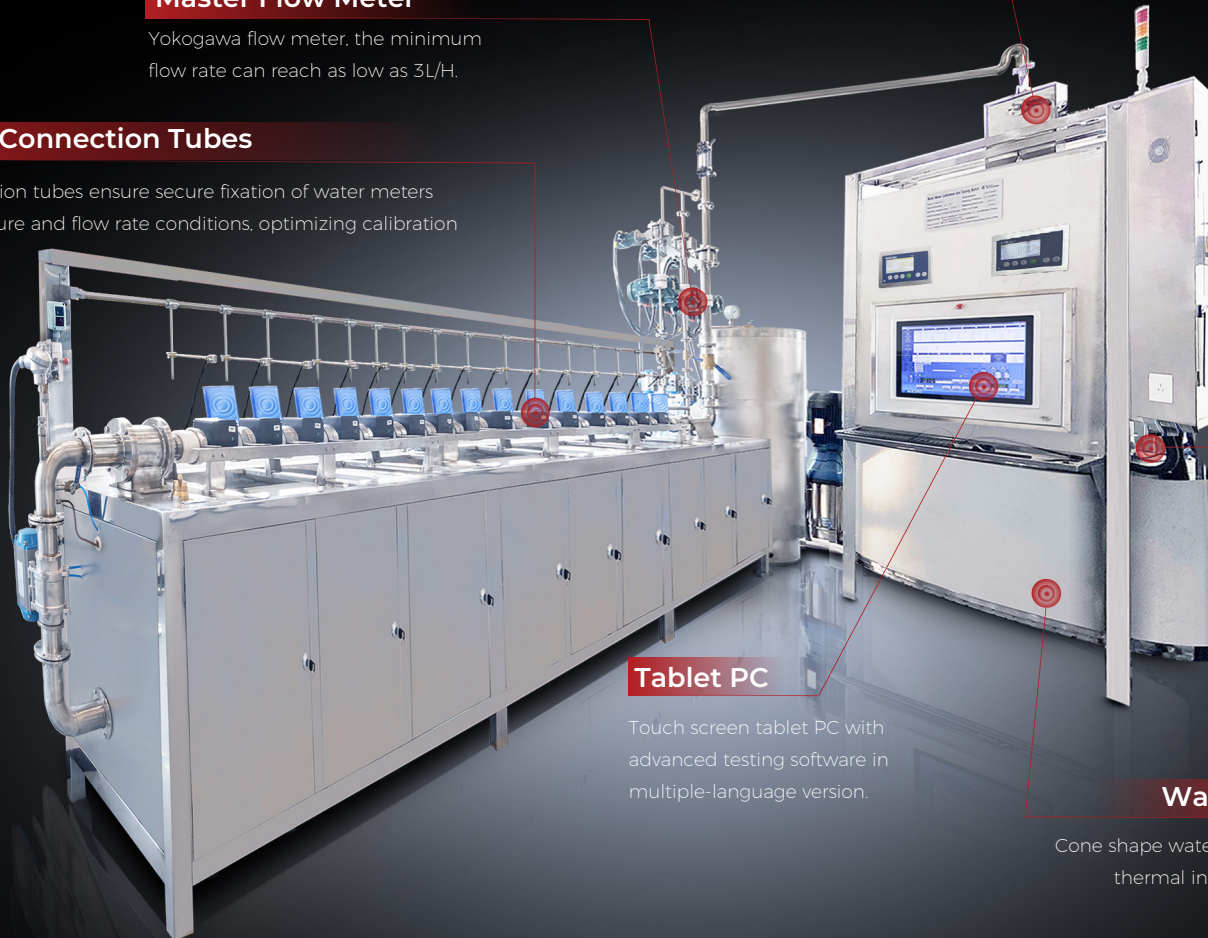
Touch screen tablet PC with advanced testing software in multiple-language version.

Electronic Scale

Toledo Electronic Scale with precision of 1/6000 and is classified as a Grade III balance.

Water Tank

Cone shape water tank, with a thermal insulation layer.

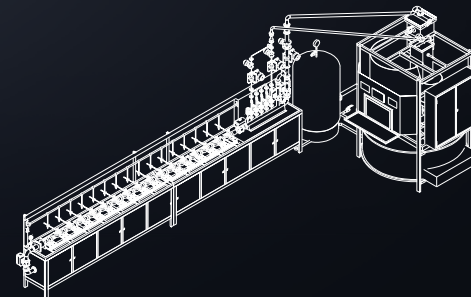
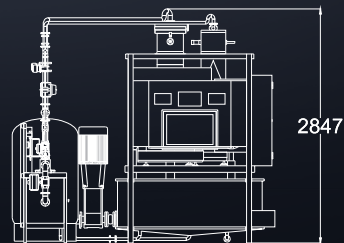
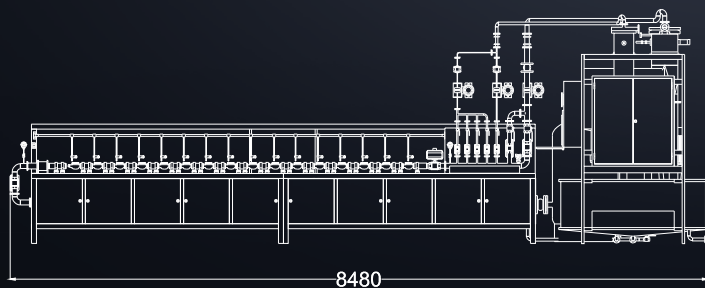


STRUCTURAL VIEW

Technical Specification

Measuring Principle	Weighing methods
Testing Method	Flying Start-Stop, Standing Start-Stop
Applicable Standard	● ISO4064 ● OIML R49 ● JJG164
Medium Temperature (optional)	5 °C-95 °C
Uncertainty	Less than 0.2%
Ambient Temperature	5 °C-40 °C
Accumulated Flow	± 0.2% ~ ± 0.5%
Working Pressure	0.3-0.6 MPa

Structure Design



Creating an Eco Society

Add: Building 23, No. 36, Changsheng South Road, Jiaxing, Zhejiang, China, 314000

www.bovetech.com

+86(0)573 83525916

bove@bovetech.com

*The images in the file are only for showcasing technological effects, and the actual product shall prevail.