

WINLINK

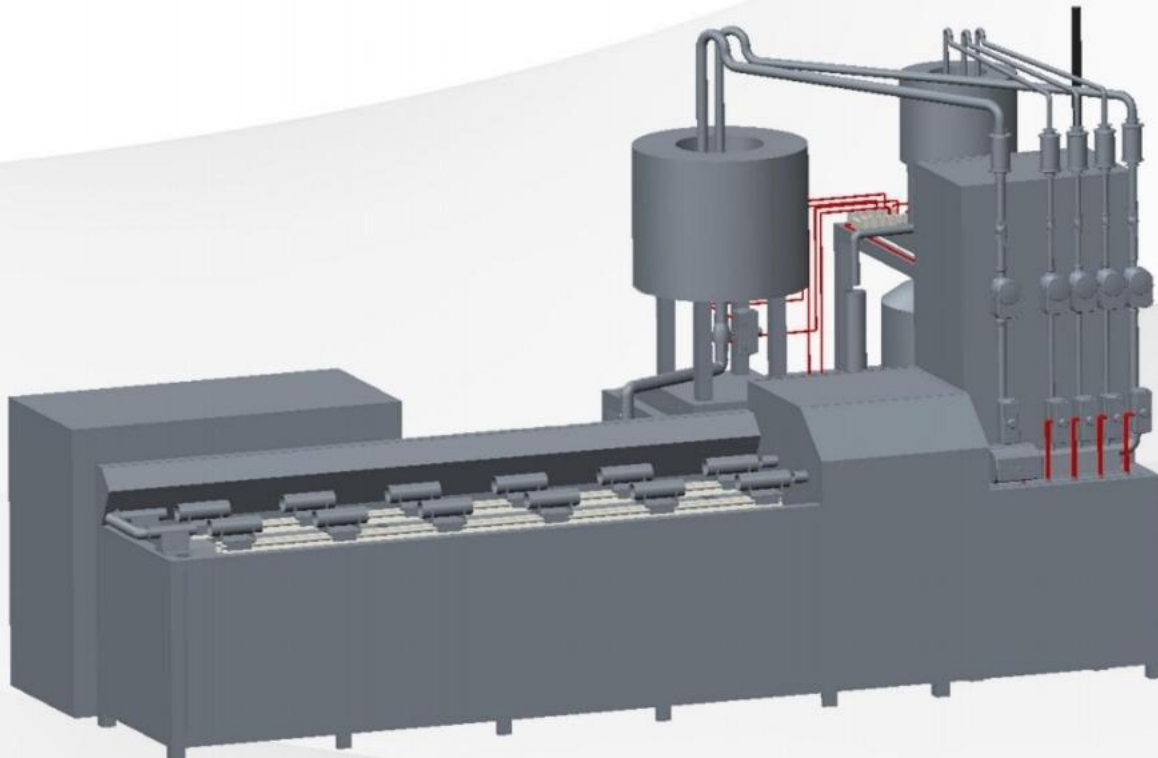
Calibration and Test Bench



- Test Bench For Heat Meters/Water Meters
- DN15~DN25

<https://www.winlink-meter.com>

WINLINK manufacture calibration and test equipment for water meters and heat meters. Long experience on the field, **knowledge** and continuous research and development guarantees reliable products for our customers now and in the future. The equipment are fully automated computer controlled systems. The measuring principals are reference metering **and static**. The calibration equipment are custom made to fit the customer's specific needs and layouts.



Key Features

- Designed for meter size from DN15 to DN25
- Measure water meter, heat meter
- Test bench connects to meter via M-BUS, RS-485, Red Infrared
- Design Fully Automatic or Semi-Automatic
- Flow rate test
- Heat energy test
- Cooling energy test
- Temperature sensors test
- Water meter calculator test
- Heat meter calculator test
- PC data administration and download



Test Bench Components

Number	Name	Quantity	Remarks
1	Stainless steel flow detection table	1PCS	
2	Ultrasonic indicator flow meter	5PCS	DN15*3 DN 20*1 DN 25*1
3	Air operated valve	10PCS	Water flow switch control valve:DN-15*3 sets;DN-20*1 set;DN-25*1 set Three-way valve:DN 32*1 set
			Main valve:DN 32*1 set Small scale(30 KG)control valve DN15 Big scale(150 KG)control valve DN40 Water pump control valve DN32
4	Manual ball valve	9PCS	DN-15*4 DN-20*1 DN-25*2 DN40*1 liquid level valve DN20*1
5	Water pump	1PCS	2.2KW Horizontal pump WILMH1805
6	Electronic scale	2PCS	Toledo 150KG 1PCS number of verification scale intervals n=3000; 30KG 1PCS number of verification scale intervals n=6000;
7	Weigh tank	2PCS	The large barrel can weigh 140 kg The small bucket can weigh 30 kg
8	Surge pump	1PCS	0.15 cubic meters
9	Water tank	1PCS	1.2m*0.6m*0.55m 350L
10	Refrigerator	1PCS	Air-cooled chiller AGR-051A
11	IPC	1PCS	(TARDETECH) TD-IPC-7101
12	Touchscreen monitor	1PCS	DELL
13	Distribution box	1PCS	380V, 21KW
14	Control system	1PCS	
15	Air compressor	1PCS	220V, 0.1m ³ /min, 0.6MPa
16	Heating pipe	1PCS	15KW
17	Thermostatic bath	1PCS	220V, 3KW, double ponds
18	Second-class standard platinum resistance	2PCS	
19	Normal thermometer	1PCS	HY250A

Main Technical Specifications

Nominal diameter(mm)	15-25	
Main pipe(mm)	25	
Checked meter caliber(mm)	15/20/25	
Measuring method	Static mass method	
Flow range(m ³ /h)	0.004~8	Pipeline through pipe
Electronic weighing(KG)	30	Mettler-Toledo (optional)
Electronic weighing(kg)	150	Mettler-Toledo (optional)
Flow stabilizer(m ³)	0.15	
Water pump	Wilo	
Operating pressure(MPa)	0.2-0.5	
Device uncertainty(%)K=2	0.2	
Working temperature(°C)	5-50°C	
Working medium	Clean water	
Device accuracy level	0.2	
Number of meters	DN15:12 PCS DN20:10 PCS DN25:8 PCS	

Dimensions And Structure Design

