

aobo

instrument

**2024
PRODUCT
INTRODUCTION**

Sanitary Glass Tube Rotameter



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Company Profile

Weifang AOBO Instrument Technology Development Co., Ltd., founded in 2002, with registration capital of 10 million RMB, is a "High-Tech" and "Double-Software Certification" enterprise specialized in "flow measurement and intelligent measurement & control" industry, integrating R&D, production, sales and service.

The company has a core R&D team for computer software and technology, automatic intelligent control, HVAC engineering design and flow measurement. It has the ability to provide customers with specific solutions and complete sets of products according to their different needs, based on years of practical experience. Especially in the heating industry, by the customer's recognition, has a high reputation in the industry.

The products are mainly used in the measurement and control of "steam, liquid, gas, sewage and tap water"; and especially suitable for energy monitoring and energy-saving control in many industries, such as thermal power plants, thermal companies, residential heating, petroleum, chemical industry, papermaking, food, coating, printing & dyeing and HVAC.

Since its foundation, based on self-developed and leading technology, reliable quality, high-quality service and good reputation, our company has been warmly accepted by customers, and become a designated supplier for many central enterprises and listed companies.

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All of the catalogue and company information can be found at:

WWW.AOBOINSTRUMENT.COM

I. Product Overview

This series of flowmeters with glass tube are mainly composed of conical glass tubes, float, upper and lower outside nuts, and stainless steel tubes. They are easy to install and can be applied in semiconductor, liquid crystal manufacturing



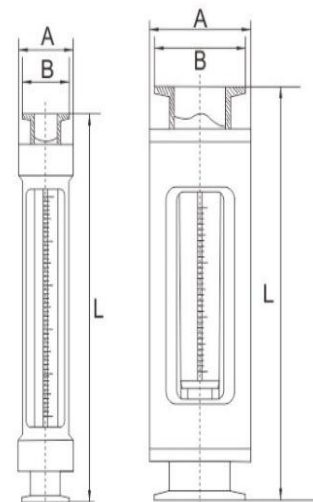
equipment, chemicals and other fields. The upper and lower connections can be varied, for pipe threaded joint ,sanitary clamp connection or flange connection.

II. Technical Parameters

Model	Flow range			
	Liquid	Alarm signal	Air	Alarm signal
ABDT-LZB-WS-10G ABDT-LZB-WS-10K ABDT-LZB-WS-15F	4~40L/h	—	100~1000L/h	—
	6~60L/h		160~1600L/h	
	10~100L/h		0.25~2.5m ³ /h	
	16~160L/h		0.6~6m ³ /h	
	25~250L/h	Addible	—	
ABDT-LZB-WS-20G/25G ABDT-LZB-WS-20K/25K ABDT-LZB-WS-20F/25F	0.3~5L/min	—	1~10m ³ /h	—
	1~10L/min	Addible	2~20m ³ /h	
	1.5~15L/min	—	3~30m ³ /h	
	2~20L/min	Addible	5~50m ³ /h	aAddible
	3~30L/min		8~80m ³ /h	
	4~40L/min		25~100m ³ /h	
	5~50L/min		36~180m ³ /h	
	12~60L/min		—	
	20~100L/min		—	
ABDT-LZB-WS-40G ABDT-LZB-WS-40K ABDT-LZB-WS-40F ABDT-LZB-WS-40/50F	0.6~6m ³ /h	Addible	18~180m ³ /h	—
	1~10m ³ /h		30~300m ³ /h	
	2~16m ³ /h		60~480m ³ /h	
	5~25m ³ /h		150~750m ³ /h	
	5~30m ³ /h		—	
ABDT-LZB-WS-50G ABDT-LZB-WS-50K ABDT-LZB-WS-50F ABDT-LZB-WS-50/65F ABDT-LZB-WS-50/80F	4~40m ³ /h	—	—	—
	5~50m ³ /h			
	6~60m ³ /h			
	8~80m ³ /h			

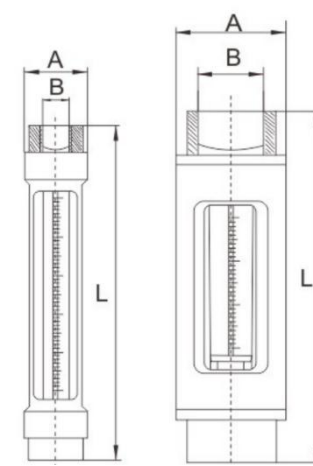
III. Installation Dimension

Model	ABDT-LZB-WS Clamp connection(mm)		
	A	B	L
ABDT-LZB-WS-10K	Φ 27	Φ 25.4 (Φ 50.5 available)	200
ABDT-LZB-WS-20K /25K	Φ 53	Φ 50.5 (Φ 64 available)	180
ABDT-LZB-WS-40K	Φ 73	Φ 64 (Φ 50.5 Φ 77 available)	280
ABDT-LZB-WS-50K	Φ 96	Φ 77 (Φ 64 Φ 91 Φ 106 available)	350



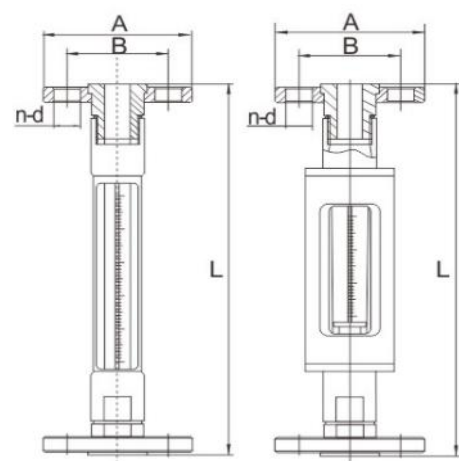
ABDT-LZB-WS-10

Model	ABDT-LZB-WS Thread connection (mm)		
	A	B	L
ABDT-LZB-WS-10G	Φ 27	G1/4"	200
ABDT-LZB-WS-20G	Φ 53	G3/4"	200
ABDT-LZB-WS-25G	Φ 53	G1"	200
ABDT-LZB-WS-40G	Φ 73	G1-1/2"	280
ABDT-LZB-WS-50G	Φ 96	G2"	350
ABDT-LZB-WS-65G	Φ 96	G2-1/2"	350



ABDT-LZB-WS-10

Model	ABDT-LZB-WS Flange connection(mm)			
	A	B	n-d	L
ABDT-LZB-WS-15F	Φ 90	Φ 65	4- Φ 14	245
ABDT-LZB-WS-20F	Φ 105	Φ 75	4- Φ 14	245
ABDT-LZB-WS-25F	Φ 110	Φ 85	4- Φ 14	245
ABDT-LZB-WS-40F	Φ 150	Φ 110	4- Φ 18	330
ABDT-LZB-WS-40/50F	Φ 165	Φ 125	4- Φ 18	330
ABDT-LZB-WS-50F	Φ 165	Φ 125	4- Φ 18	390
ABDT-LZB-WS-50/65F	Φ 185	Φ 145	8- Φ 18	390
ABDT-LZB-WS-50/80F	Φ 200	Φ 160	8- Φ 18	390



ABDT-LZB-WS-15F

Special connection Note: requirements can be customized.

IV. Model Selection

ABDT-LZB-WS-□□ / □ / □ / □ / □

10:DN10mm	G:thread	Flow Range	R1:304SS	A:Gas
20:DN20mm	K:Clamp		R0:316SS	L:Liquid
25:DN25mm	F:Flange			
40:DN40mm	Can be customized			
	DN20,32,50,65			
	flange			

MaterialScience:304SSor316SS

Pressure:≤100℃

Accurary:±2.5%

Workingperssure:≤0.6MPa

Optional alarm switch

Model selection and instruction: ABDT-LZB-WS-20K/4-40L/min/R1/L

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