

# Accutube: Series 24D and 25D

- Flange-mounted insertion type flow sensor
- Gas, liquid and steam applications
- Standard sizes up to 72-inch pipe
- Pressure / temperature rating set by flange

## MODEL NUMBER

2 4 D  
2 5 D — — — — — 0 3 — — — — — X X — — — — —

### MODEL CODE

24D — Single Mount
25D — Double Mount

### BODY MATERIAL

BODY MATERIAL	ORDER CODE
316SS Head with 316LSS Probe	03
For Special Material Consult Factory	SP

### LINE SIZE AND PROBE DIAMETER

LINE	ORDER CODE					
	24D SINGLE			25D DOUBLE		
	1/2" DIA PROBE	1" DIA PROBE	2 3/8" DIA PROBE	1/2" DIA PROBE	1" DIA PROBE	2 3/8" DIA PROBE
2"	0020A			0020A		
2 1/2"	0025A			0025A		
3"	0030A			0030A		
3 1/2"	0035A			0035A		
4"	0040A			0040A		
5"	0050A			0050A		
6"	0060A	0060B		0060A	0060B	
8"	0080A	0080B		0080A	0080B	
10"	0100A	0100B		0100A	0100B	
12"		0120B			0120B	
14"		0140B	0140C		0140B	
16"		0160B	0160C		0160B	
18"		0180B	0180C		0180B	
20"		0200B	0200C		0200B	
22"		0220B	0220C		0220B	
24"		0240B	0240C		0240B	0240C
26"		0260B	0260C		0260B	0260C
28"		0280B	0280C		0280B	0280C
30"		0300B	0300C		0300B	0300C
32"		0320B	0320C		0320B	0320C
34"		0340B	0340C		0340B	0340C
36"		0360B	0360C		0360B	0360C
42"		0420B	0420C		0420B	0420C
48"			0480C		0480B	0480C
60"			0600C		0600B	0600C
72"			0720C		0720B	0720C

Above 72" Consult Factory.

### INSTRUMENT SHUTOFF VALVES

ORDER CODE	DESCRIPTION	PRESSURE/TEMPERATURE RATING
XX	No instrument valves	Probe connections are 1/2" MNPT
00	Bronze gate valves, 1/2" FNPT x 1/2" FNPT	300 PSI Steam Max. @ 550°F Max. 600 PSI liquid @ 200°F nonshock
02	Carbon steel block valve, 1/2" FNPT x 1/2" FNPT	6000 PSI Max. @ 200°F 4000 PSI @ 500°F Max.
03	316SS block valve, 1/2" FNPT x 1/2" FNPT	6000 PSI Max. @ 200°F 4000 PSI @ 500°F Max.
04	Carbon steel OS&Y valve 1/2" FNPT x 1/2" FNPT	2000 PSI Max. @ 100° F 235 psi @ 1000°F Max.
05	316SS OS&Y valve 1/2" FNPT x 1/2" FNPT	1920 PSI Max. @ 100°F 550 PSI @ 1200°F Max.
SP	As required	For temp or press above those listed

### MOUNTING COMPONENTS

ORDER CODE	*FLANGE RATING	MATERIAL-WELD NECK FLANGE WELDOLET, THREDOLET
1C	150#	Carbon steel
3C	300#	Carbon Steel
6C	600#	Carbon Steel
9C	900#	Carbon Steel
1S	150#	316 Stainless Steel
3S	300#	316 Stainless Steel
6S	600#	316 Stainless Steel
9S	900#	316 Stainless Steel

\*When the mounting flange rating is changed to one of the options above, the probe flange and hardware is automatically changed too.

**SERIES 24D—ACCUTUBE—SINGLE MOUNT.** The Accutube Series 24D Standard Probe is constructed of 316LSS probe and 316SS flange. The instrument flange is 1 1/4" 150# ANSI flange standard (2 3/8" probe has 2 1/2" 150# flange.) The Series 24D probe is single-mount supported and installs through a carbon steel mounting flange and weldolet. The Series 24D Accutube is factory-fitted with 1/2" FNPT connections and is shipped with mounting hardware complete. Series 24D Accutubes are available for line sizes 2" through 72"

Dimension Sheet: F/N 957-24D 1/2-1:420  
F/N 957-24D 2 3/8:420  
Instruction Manual: F/N 957:440

**SERIES 25D—ACCUTUBE—DOUBLE MOUNT.** The Accutube Series 25D standard probe is constructed of a 316LSS probe and a 316SS instrument flange. The instrument flange is 1 1/4" 150# ANSI flange standard (2 3/8" probe has 2 1/2" 150# flange). Series 25D probe is double mount-supported. This Accutube is provided complete with mounting flange and weldolet and a thredolet for double mounting. The Series 25D Accutube is factory fitted with 1/2" FNPT connections and is shipped with mounting hardware complete. Series 25D Accutubes are available for line sizes 2" through 72"

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