



UHC-517 Magnetic Level Indicator



ISO9001:2008

Changzhou Chengfeng Flowmeter Co., Ltd.

【Summary】

UHC-517 Series magnetically float level meters are suitable for measuring the liquid in open vessel or pressure vessel. With the features of tight sealing and leak proof, the meters can measure safely and reliably the liquid level in the severe conditions, such as: high temperature, high pressure, high viscosity, strong corrosion. The meters are featured also without blind zone, distinct indication, easy reading and wide measuring range.

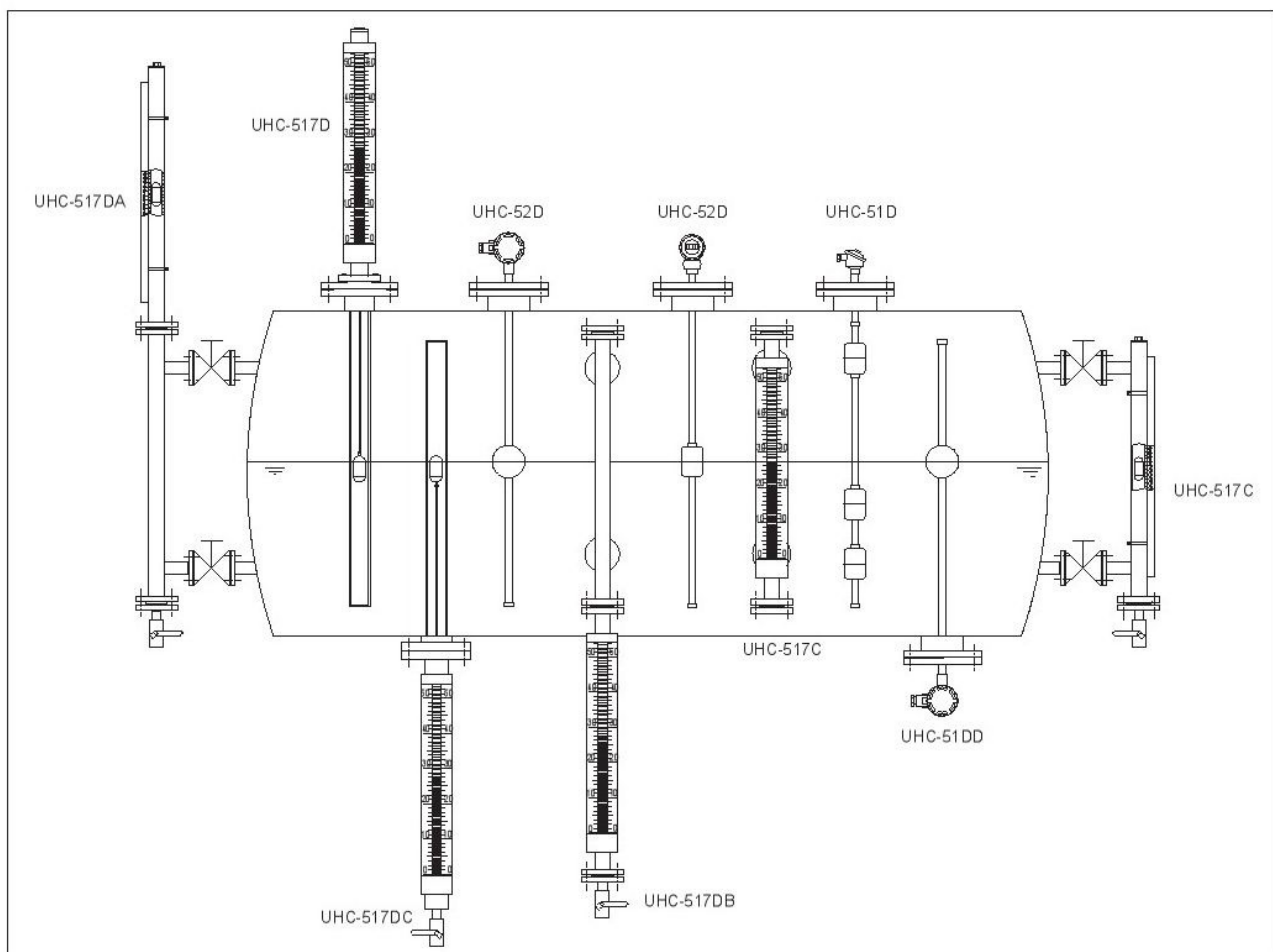
【Type Selection Chart】

UHC-517C UHC-517D UHC-517DA UHC-517DC UHC-517DB	V	Plastic turn plate display		Indication Type
	Z	Plastic turn column display		
	G	Fluorescence turn column display		
	B	Aluminium alloy turn column display		Remote Device
	O	Blank		
	D	4-20mA DC output		Switch Type
	O	Blank		
	C	BK-1 Cam driven level switch		
	E	CK-1 Dry reed level switch		
	F	EK-1 Dry reed level switch		Switch Points
	<input type="checkbox"/>	Switch points(Digital display)		
	Q	Intrinsic safety		Explosion Type
	B	Explosion-proof		
	T	Equip with Isolation safety barrier		
	P	SS304		Touching liquid Materials
	R	SS316,316L		
	L	Stainless steel lining PTFE		
	N	PVC		
	Z	PP		
	M	Electric heating device		Optional Device
	W	Steam jacket/water heating/DN20/G1/2 male thread		
	X	Vacuum jacket		
	A	With fluorescene post display adjusting alarm(vertical type)		
	B	With fluorescene post display adjusting alarm(horizontal type)		
C	With other digital indicating meters			
<input type="checkbox"/>	(-90~480)°C		Working Temp.	
<input type="checkbox"/>	≤32MPa		Working Pressure	
<input type="checkbox"/>	Unit:g/cm ³		Density	
<input type="checkbox"/>	Unit:L=mm		Flange Centre	
<input type="checkbox"/>			Flange Size	
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【Installation, Usage & Maintenance】

1. It should be mounted vertically to ensure free move of floating ball part within the tube.
2. It is suggested to mount cut-off valve between container and the indicator for convenience of cutting off medium in washing and repairing the indicator.
3. There must be no magnetic conductive material near main body of the indicator. Otherwise normal working of it would be affected.
4. After installation completion, it should be rectified with magnet steel attracting pillar for once revival resulting in that part below zero point is red and that above zero point is white.
5. The lower valve should be opened to make liquid flow into the tube stably avoiding sharp rise with floating ball part resulting in being out of order. (If it appears, it should be rectified again with magnetic steel after its stability.)
6. The floating ball part should be taken out of main tube of the indicator before delivery to keep it from damage during transportation. It will be installed again into the tube with cautions of keeping its heavier end upside after completion of installation the indicator, and opening sewage exhaust flange on the bottom.
7. You may open sewage exhaust screw for cleaning depending on medium situation

【Installation Schematic Diagram】



* UHC-517C side mounted

* UHC-517D top mounted

* UHC-517DA side mounted ,top display

* UHC-517DB side mounted ,bottom display