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300B/H 5 Gallon Bottled Water Filling Machine



Main Features:

1) Controlled by PLC with the functions of automatic finish, precise orientation, little manpower and low working intensity.

2) The complete set of equipment is manufactured by high-strength stainless steel materials and stainless plate steel with precise argon arc, little distortion and fair welding veins

3) Beautiful appearance, anti-corrodibility, thorough disinfection, effective anti-air pollution and high quality

4) Microcomputer Auto Bottle Washer & Filler and Capper in one unit.

5) **Body material:SS304.**

Technical Parameter:

Items	Specification
Production capacity	300Buckets/hour
Bottle's capacity	18. 9 Liters (equal to 5 gallons)
	11. 3 Liters (equal to 3 gallons)
Bottle's specification (mm)	Φ270×490×Φ56
	Φ230×420×Φ56
Cap's specification (mm)	Φ58×40 (strip:L18mm,W:7.5mm)
Rated input power	4.0KW
Electromotor power	Bottle convey motor:0.37KW
	Tap water washing pump:0.37KW



	Disinfectant washing pump:0.37KW*3
	Pure washing pump:0.37KW
	filling pump:0.55KW*2
	Cap-aligning electromotor:0.06 KW
Power supply	AC 380V±5% 50Hz, Rated current: 28A
Net weight	Net weight: 450kg; Outer size:3830x970x1600(mm)
Requirement of air compressor	0.1 M³ 0.17 M³/Min 0.8Mpa/Cm²
Requirement of water supply	7.5M³/H
Working Position	Double row six stations for washing the bottle, two for filling ,two for capping
	The first, second third station: disinfectant washing
	The four station: drip-dry
	The five station: tap water washing
	The six station: pure water washing
Main Components	1)Signal Relay(OMRON);
	2)PLC(LS)
	3)Exchange contactor(LS)
	4)Speed-down motor
	5)Proximity switch(TURCK)
	6)Creepage air switch (Schneider)

Item	Model	Qty	Remark
Indicator Light	AD-16	4	Shanghai
Water Booster Pump	BLC Series	7	Guangdong Lingxiao)
	Disinfectant washing pump (370 W)	3	
	Clean water washing pump (370 W)	1	
	Pure water washing pump (370 W)	1	
	Filling Pump (550 W)	2	
Single Relay	MY2NJ-AC 220V	4	Omron (Japan)
Electric leakage switch	C65N-25 4P	1	Schneider (France)
PLC	K7M-DR20UE	1	LS (South Korea)
Approach switch	Ni10-Q25-AN6x	3	TURCK (Germany)



AC Connector	GMC-9 AC 220V	8	LS (South Korea)
Fuse Base	RT18-32	12	Zhejiang
Air pressure switch	SSNS-106	1	
Air solenoid valve	4V210-08(AC 220V)	3	AIRTAC/ KLH
Cylinder	SC 50*50	2	AIRTAC/ KLH
	SC 50*525	1	
Cap unscrambling Motor	90YCJG60 1:30	1	Zhejiang
Gearing Motor	370W	1	Guangdong Pearl River
Solenoid valve	Pure Washing: LCD21-15SE	3	YUYAO
	Filling: LCD21-20SE		

Pictures of the 300B/H 5 Gallon Bottled Water Filling Machine:





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