

# HDV 632 VACUUM DISTILLATION

Part Number	Description
06321-000-00	VACUUM DISTILLATION APPARATUS HDV 632 230 V, 50/60 Hz
	<b>Accessories:</b>
625-117	Transformer in housing 200-208/230V/3680VA
04711-000-10	PC with Keyboard and Mouse German
04711-000-11	PC with Keyboard and Mouse English
101-137	Printer A4 Without Cable
629-074	22" LCD Monitor
1700-000-001	USB cable
626-072	Connection cable PC to instrument (RS 232), 2,5 m
626-082	Connection cable HTR connection between analyzers, 0,8 m
411-081	Boiling stones for Vacuum Dist. D 1160 (1000 pcs. appr.)
1000-004-001	Pt100 probe simulator box 0 to +400°C with 6 fixed temp.points, accuracy better 0,2%, with cable
	<b>Recommended spare parts for appr. 2 years operation:</b>
301-055	Drip tray / MC 630, HDV 632
317-210	Light barrier cpl. for HDV 632
413-068	Flask cover/ ASTM D 1160/ MC 630, HDV 632
413-069	Fork clamps with screws/ MC 630, HDV 632
501-045	Vacuum distillation column S 35 with cooler MC630, HDV632
501-046	Vacuum connection /MC 630, HDV 632
501-047	Hollow stopper, flat bottom/MC630, HDV632 to close the 3rd hole in the 3-neck-flask
510-010	3-necks round flask 500 ml/MC 630, HDV 632
511-006	O-ring, Viton, measuring cylinder, 19 x 3mm, black
511-016	Special measuring cylinder 200 ml / MC 630, HDV 632
613-050	Solid state relay 25A
613-054	Adapter board with solid state relay 4A 230V
613-060	Solid state relay 1 A
628-007	Fuse 10 A - MT
628-020	Fuse 1 A MT
628-023	Fuse 6.3 A - MT
628-025	Fuse 4 A - MT
628-028	Fuse 16 A - T
636-052	Resistance thermometer/sample/MC 630, HDV 632
636-101	Resistance thermometer vapour chamber MC 630, HDV 632
645-045	Heating cartridge 230V / 500W for condenser
645-047	Heating hood 800W for HDV 632
645-048	Heating unit cartridge 160 Watt for receiving chamber
	<b>Other spare parts:</b>
108-208	Drain cock (replacement for 101-136)
108-213	Push button switch 617-101 with mounting tool 617-105
108-239	Motor bracket cpl. (Volume Measurement)
108-240	Cooling machine for cold trap HDV 632
121-044	O-ring 62 mm diam. f. cooler heat exchanger chamber
122-036	Tooth belt for HDA627/8 volume follower + HDV632
125-020	Vacuum joint plate clamp DN10
125-022	O-ring/centring/DN10 /16 MC 630, HDV 632

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125-023	O-ring/centring/DN20 /25 MC 630, HDV 632
125-049	Circulation pump, complete
125-050	Vacuum pump complete
317-267	Optical foam sensor
501-208	Adapter for thermometer and pressure connection
501-209	Glass stopper NS 19/26 to close the auxiliary opening in the vacuum column
603-025	Power Supply, 5V, +/-15V
607-082	Display P.C.B. green HDA627 +HVU+HCP etc.
607-094	Volume detection P.C .B.; without EPROM
607-099	Vacuum-control board HDV 632
607-201	Interface P.C.B. HDV 632
607-252	CPU with key board + display-control
607-205	Detection PCB
613-009	Buzzer (P.C.B. 607-058)
617-002	Micro switch
617-013	Micro switch, gold contact
617-053	Main switch/green (mains supply) 230V
617-144	Overtemperature protector, 95C, for cooler tempering chamber circuit
617-147	Overtemperature protection 140C for receiving chamber
618-124	Stepper motor for volume measurement
618-129	Motor z-axis 24V with gear 30:1
619-013	Varistor metallic oxide S20 K300
621-008	Pilot lamp 230 Volts /white colour
625-104	Transformer 230/24VA C, 400VA
627-013	Mains interference filter
627-049	Fan 230V, for air exhaust MP470, HVU48x/490, HDV632
629-028	Control valve with connecting plug
629-066	Pressure sensor range 0-1600 mbar
629-067	Pressure transducer 1 TORR / HDV 632
629-068	Pressure transducer 10 TORR / HDV 632
629-069	Pressure transducer 100 TORR / HDV632
636-056	Pt100 Resistance thermometer for MC 840, HCP 860 HCP842/852, HDV 632, HDA 627/628 w.o.adjustment
636-054	Resistance thermometer/cold trap/MC 630, HDV 632
636-089	Resistance thermometer circulation / HCP842/ 852
650-081	EPROM with latest software for 607-092
650-132	Programmed IC - HDV 632
650-133	Programmed IC for HDV 632 -S1- 607-094
650-134	Programmed IC - HDV632 S2 607-048
650-135	Programmed IC for PCB 607-099 / S 3 - HDV632
650-551	Detection board for PT100 programmed