

VELP Scientifica Solvent Extractors



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Models Available	3 positions	6 positions	3 positions	6 positions
Max. Capacity	-	-	21 samples/day/unit	42 samples/day/unit
Scalability	1	1	up to 4 units, 12-pos.	up to 4 units, 24-pos.
Display	Digital	Digital	7" touch screen (extractable)	7" touch screen (extractable)
Solvent Addition	Manual	Manual	Automated	Automated
Solvents Accepted	Capable of being used with the majority of solvents	Capable of being used with the majority of solvents	Capable of being used with the majority of solvents	Capable of being used with the majority of solvents
Solvent Recovery	from 50 to 75%	from 50 to 75%	more than 90%	more than 90%
Lighting	No	No	LED illuminating the active positions	LED illuminating the active positions
Heating Element	Alluminum Block	Alluminum Block	Glass ceramic (selectable positions & independent switch on/off)	Glass ceramic (selectable positions & independent switch on/off)
Thimble Type	Standard cellulose	Standard cellulose	3 sizes (micro, standard, jumbo) - cellulose 1 size (standard) - glass	3 sizes (micro, standard, jumbo) - cellulose 1 size (standard) - glass
Thimble Size	Standard cellulose	Standard cellulose	Cellulose, micro: 25x80 mm Cellulose, standard: 33x80 mm Cellulose, macro: 40x80 mm Glass, standard: 44x75 mm	Cellulose, micro: 25x80 mm Cellulose, standard: 33x80 mm Cellulose, macro: 40x80 mm Glass, standard: 44x75 mm
Sample Size	0.5 to 15 g in 30x80 mm thimbles (generally 2-3g)	0.5 to 15 g in 30x80 mm thimbles (generally 2-3g)	0.5 to 15 g in 30x80 mm thimbles (generally 2-3g)	0.5 to 15 g in 30x80 mm thimbles (generally 2-3g)
Seals	Vafion (widely applicable), Viton, Butyl	Vafion (widely applicable), Viton, Butyl	Vafion (widely applicable), Viton, Butyl	Vafion (widely applicable), Viton, Butyl
Condensers	Glass	Glass	Titanium (VELP Patent Pending)	Titanium (VELP Patent Pending)
Cooling Water Flow	2 l/min	2 l/min	From 1.0 L/min.	From 1.0 L/min.
Programs	29	29	41 (21, standard + 20, customizable)	41 (21, standard + 20, customizable)
Interfaces	Ethernet (PC)	Ethernet (PC)	3 x USB Ethernet (Pc)	3 x USB Ethernet (Pc)
Result Calculation	Manual	Manual	Automatic, on ControlPad (using a balance or entering weights)	Automatic, on ControlPad (using a balance or entering weights)
Structure	Epoxy painted stainless steel structure	Epoxy painted stainless steel structure	Metal (for the unit) Technopolymer (for the control pad)	Metal (for the unit) Technopolymer (for the control pad)
Dimensions	mm 480x620x390 in 18.9x24.4x15.4	700x620x390 27.6x24.4x15.4	358x546x450 14x21,5x17,7	546x546x450 21,5x21,5x17,7
Weight	kg 30 lb 66	40 88	29/1 64 / 2,2	36/1 80,3 / 2,2
Power supply	115/230 – 50/60 V-Hz	115/230 – 50/60 V-Hz	115/230 – 50/60 V-Hz	115/230 – 50/60 V-Hz
Power Consumption:	500 W	950 W	630/850 W	630/850 W

