Meeting the needs of the SMT Age





Vacuum Pincettes VP series

These pincettes are exclusively for SMT parts. They simplify the task of handling electronic parts such as chip parts and OFP-LSI.

VP-15S	(Exclusively for C and R chips)
VP-40S	(For C, R and FP-LSI chips)
VP-40W	(Twin pen)
VP-41SD	(High-strength type for C, R and FP-LSI chips)
VP-41WD	(Twin pen high-strength type)
VP-100SD	(High-strength type, air type)

Features

- * Uses a general-purpose electromagnetic diaphragm pump, eliminating the need for vacuum or air sources. (Except for model VP-100SD)
- * The grip (pen) is made of light weight alloy and is very suitable for handling electronic parts, such as silicon semiconductor chips and FP-LSI, which are susceptible to static electricity.
- * 6 types of pincettes can be selected from depending on the application.
- * All of the pincettes use a soft pliable silicon hose, and the grip control is very simple.
- * By adding a 0.34ϕ (G23R) nozzle, it is possible to handle very minute 1005 sized chips.

Applications

- Handling electronic parts such as chips or QFP-LSI.
- Handling lenses or semiconductor silicon chips.

Specifications										
Model		VP-15S	VP-40S	VP-40W	VP-41SD	VP-41WD	VP-100SD			
Power source			Air supply only							
Vacuum pump		VP-1500	VP-4000				VP-103			
	Method		Vacuum ejector							
	Power	2.5W 3.5W					Air: 1 to 4 kgf/cm ²			
	Vacuum	50mmHg (50Hz)	90mmHg (50Hz)				0 - 400 mmHg			
	pressure	bressure 60mmHg (60Hz) 100mmHg (60Hz)								
	Dimensions	W67×D114×H54	W70×D120×H50							
	Weight	230g	420g				370g			
Pen		VP-10B aluminum 8ø×145mm approx. 11g (with nozzle)								
	Hose	$OD 6\phi \times 4\phi \times 1.5m$ silicon hose								
Nozzle		0.34ø, 0.72ø, 1.11ø 0.34ø, 0.72ø, 1.11ø,				0.34ø, 0.72ø, 1.11ø,				
		suction pad 3.5ø suction pad 3.5ø		suction pad 3.5ø, 6ø	, 8ø					
Suction capacity		0.25g/1.11ø	0.6g/1.11ø, 4g/3.5ø 10g/6ø, 25g/8ø		50g/6ø, 100g/8ø					

* The specifications are subject to change without notice.

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