

ATMOSPHERIC VARIATION CHAMBER

CPV-7000



The atmospheric variation chambers 7000 series are laboratory test devices to simulate barometric changes as packages or finished products travel from the production factory to the final location in another city. Use the chambers to test for leakage, wall strength or behavior of sealed packages with different positive pressures or in vacuum conditions.

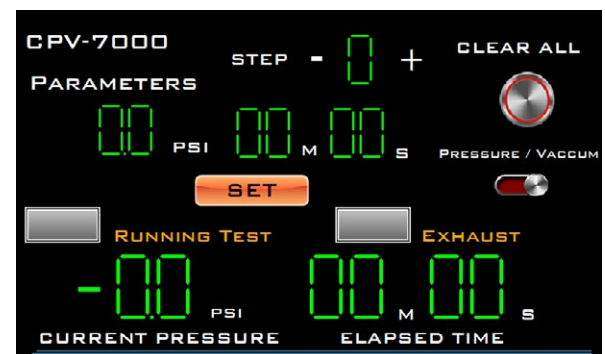
Technical Data

Power Supply	110 VAC / 220 VAC
Air Supply	100 psi (689.48 kPa)
Maximum Test Pressure	7 psi (48.26 kPa)
Maximum Test Vacuum	-7 psi (-48.26 kPa)
Maximum Test Time per Step	59 m 59 s
Maximum Test Time	8 h 59 m 50 s
Accuracy Class	1.0
Accuracy	+/- 0.15 psi
Pressure Resolution	0.1 psi (1.3 KPa)
Time Resolution	1 s
Drain Port	3/8 NPTF
Work Environment	Indoor
Touchscreen	Resistive 5"
Programable Steps	9 Steps

With the atmospheric chambers 7000 series is possible generate seven psi of positive or vacuum pressure. The clamps system, self-guard and robust construction make it a safe operating device.

ADVANTAGES

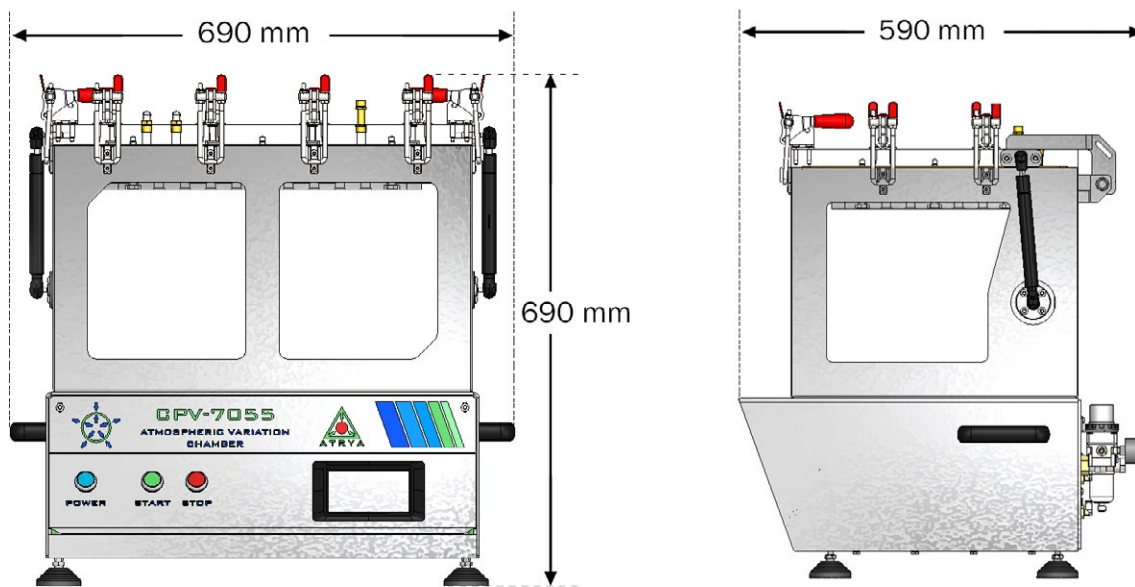
- New automatic control system with touchscreen.
- Customizable tests.
- Automatic pressure variation with specific times.
- Lower Weight and dimensions than 6000 series.
- Stainless steel AISI 304 cabinet.
- A new silicon gasket brings better air tightness.



Main Menu CPV-7000

	CPV-7055	CPV-7035
Overall Dimensions (L x W x H)	690 x 590 x 690 mm (27.17 x 23.23 x 27.17 in)	640 x 540 x 645 mm (25.17 x 21.26 x 25.39 in)
Chamber Internal Dimensions (L x W x H)	498 x 348 x 298 mm (19.61 x 13.70 x 11.73 in)	448 x 298 x 248 mm (17.54 x 11.73 x 9.76 in)
Approximate Weight	70 kg (154.32 lb)	58 kg (127.87 lb)
Work Volume	50 l	30 l
Maximum Sample Dimensions	480 x 330 x 290 mm (18.90 x 12.99 x 11.42 in)	430 x 280 x 240 mm (16.93 x 11.02 x 9.45 in)

OVERALL DIMENSIONS



Overall Dimensions CPV

ACCESSORIES

	CPV-7055	CPV-7035
Immersion plate	CPV-75S01	CPV-73S01
Maximum Sample Dimensions with ImmersionPlate (L x W x H)	480 x 330 x 230 mm (18.90 x 12.99 x 9.06 in)	430 x 280 x 180 mm (16.93 x 11.02 x 7.09 in)