



HENGZHUN

东莞力显仪器科技有限公司

DONG GUAN LIXIAN INSTRUMENT SCIENTIFIC CO.,LTD

Product introduction

Name: HZ-2016 Water-resistance Testing Machine



Equipment summary:

This machine used to test anti-rain and waterproof performance for products, the products such as steam locomotive lamps, wiper performance, waterproof bands, motorcycle instruments, defense industry, navigation systems, missiles, radar cone top, aerospace industry, IEC IP code specifications that need an additional discussion.

Main functions:

- 1 the hydraulic flow design type, about 10cm/h commonly, the maximum fall rainfall with the greatest rainfall coming decades 35mm/m. Unique with water device can make rainfall and stabilize the pressure control.
- 2, RS. Separate control slots, without the operator into change.
- 3, the machine type B can make the test content from Rt ~ 85 °C heat, temperature under test than water

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temperature high produce a negative pressure, make more accurate test. (MIL - STD).

Corresponding standard:

JIS D0203, D5500, SAE J585e, CNS 7138

Applicable industries:

Applied to plastics, rubber, paint, coatings, printing ink, paper, pharmaceuticals, food, cosmetics, textiles, auto parts, packaging materials, building materials, electricity and the electrical products; it provide an important testing data for scientific research, product development and quality control

Technical parameter:

Model	HZ-2016A	HZ-2016B
Testing temperature	Room temperature	Rt~85°C
Inner size	100(W)*100(D)*100(H) cm or custom	
Spray volume	0.07 (±5%) L/min (Every hole in average)	
Spray nozzle	Spherical laser drilling,direction: 360°adjustable, make injection of rain fan, to spray the specimen	
Hydraulic aperture	φ0.8mm	
Water spray hole spacing	50mm	
Number of blowhole	16 or 25	
Water ring radius	R400mm	
Spray nozzle diameter	φ15mm stainless steel	
Pendulum Swing tube range	about±180° (can adjustable to ±45°±60°±90°)	
Swing speed	60°/s adjustable	
Spray pressure	0~400Kpa adjustable	
Specimen rotative speed	4~17rpm (Adjustable)	
weight	350kgs	
Power	1 phase, 220V, 5KW	
Test chamber material		
Inner size	1000*1000*1000 (D*W*H) mm	
Dimension	1300*1500*2200 (D*W*H) mm	

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Cabinet material	SUS304 stainless steel sheet, work room and all the other parts of contact with water are stainless steel or copper.
Door	Large tempered glass door, with manual wiper, Can observe the test condition any time.
Seal	Silicone rubber article
Test bench	φ300mm, mesa of grid. Motor drive the worm gear deceleration, frequency inverter control speed, to the right speed.
Test bench turn speed	2-18r/min (Imported inverter stepless adjustment)
Turntable load	≤100kg
Water supply	imported stainless steel pumps of GRUNDFOS
Water tank	stainless steel water tank, with water filter, water floating ball valve, drain valve, overflow pipe.
Water temperature	Less than +5℃ with room temperature
Water source	Clean the local water by double filtering
Lighting system	turn on--turn off--turn on any time setting
Electrical control	
Electrical controller	LCD display controller touch key
Testing time	999S adjustable
Speed control	variable-frequence governor or stepping motor, speed control smoothly, control accuracy high
Pressure meter	Dial gauge display every single test levels of stress
Flowmeter	Digital water flow measurement, to display every single test levels of traffic
Flow pressure control	Using manual valve control flow and pressure, digital meter indicates flow, stainless steel spring type pressure gauge indicating pressure
Electrical execute device	French schneider series electrical components
Default test time	0s~99h59m59s adjustable
Cycle time	“spray—stop—spray” is a loop, freely setting spray time, stop time, loop times or testing total time.
Operational environment	
Environment temperature	RT~50℃ (Average temperature≤28℃ within 24H)
Environment humidity	≤85%RH

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