

Wheel Radial Load Fatigue Testing Machines



Picture just for reference

Application

Wheel Radial Load Fatigue Testing Machine is a device with a rotating drum, which has a smooth surface and is wider than the contact area of the loading test tire. When the wheel is rotating, the test function applies a constant radial load to the wheel.

Standard:

QC/T211-1996 Test method for light alloy wheels for motorcycles and mopeds;

QC/T212-1996 General Technical Conditions for All Wheels of Motorcycle and Moped Aluminum;

JASO T 203-85 Motorcycle Light Alloy Wheels;

ISO 8644-1988 Motorcycle-Light Alloy Wheels - Test Methods;

ISO 8645-1988 Moped - Light Alloy Wheels - Test Method;

GB/T6147-92 "Test machine packaging, packaging marks, storage and transportation technical requirements"

Technical Specification:

MODEL	HST-PWR10
Load cell	10KN, display accuracy $\pm 1\%$ (from 20% ~100%)
Actuator loading capacity	20KN
Tire inflation pressure	200Kpa
drum surface line speed	2.5~140km/h
Q value	10KN*2.25=22500N
Rotate drum diameter	1707.6mm ± 0.25
Drum surface width	400mm
Turns number, and test mileage	10 ⁶
measuring the hub range (After installing the tire)	800mm
Dimensions:	4000*1900*2200mm (L*W*H), 4800kg
total motor power (for Car tire)	25Kw
Accessories	Wind cooling system, completing protective shield

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