LCA-42

SUN TEST SYSTEMS
FOR SAFETY

Automotive Test Equipment

Compact 4 motor roller tester for passenger cars

Master as well as slave control
Road load simulation
ABS, ASR and low speed brake testing
Industrial quality for high reliability in 24/24hrs production environment.

TECHNICAL SPECIFICATIONS

Roller diameter	500 mm
Roller width	800 mm
Space between left and right hand roller pair	700 mm
Overall width outside rollers	2.300 mm
Distance between roller centres approx.	622 mm
Elevation of rear roller compared to front one	30 mm
Roller surface	stainless steel, plasma sprayed
Friction coefficient roller surface μ	0,8 - 0,6; not sharp
Wheelbase adjustment between:	2.200 mm and 3.200 mm (Other ranges can be provided)
Maximum axle load	1.800 kg
Maximum speed	220 km/h
Equivalent inertia, mechanical. Even distribution over rollers.	1.450 kg
Brake force at roller surface	3000 N max. 30 sec. at 2,5 km/h
Power requirement	
440 V, 3 phase, 50/60 Hz:	300 A nominal, 400 A peak
220V, 50/60 Hz:	16 A
AC-motors	
Power:	4x 52 kW nominal
Temperature range:	0 to + 40 °C
Relative humidity: (non condensing)	<90% at 18 °C
Pit dimensions, incl. exhaust flap (L x W x D) approx.	7.3 x 4.6 x 2.0 m *(non condensing)*

certified according to ISO 9001

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