



876 OPTL Roller Brake Tester

Heavy duty roller brake tester for light trucks and light commercial vehicles. The **Kendon 876** is a flush fitted **single bed** roller brake tester with extra wide **900 mm** rollers. Designed for vehicles with a maximum GVW of 7500 kg and a maximum **testing axle load of 4000 kg**.

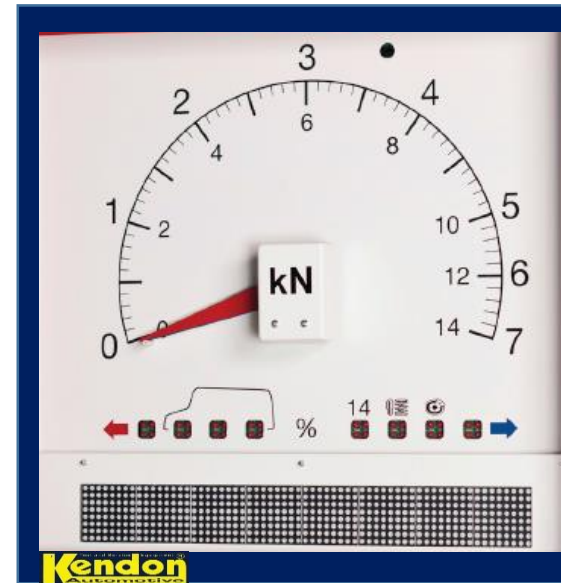
In addition to measuring the brake forces per wheel and the difference between the left and right sides, the operator can determine the important quantities rolling resistance, actuation force, ovality (out-of-roundness) and brake fading for each wheel. Special attention has been given to prevent damage to the tyres. The rollers are very quickly stopped when slippage occurs, even during the start-up of the motors. All roller brake testers are equipped with reliable worm gear motors. All moving components are supported by roller bearings for a long and trouble free service. The chassis is hot dip zinc.

A weighing system is available as an option. With this weighing facility, the deceleration (brake efficiency) of the vehicle will be calculated and can be compared with legal requirements for the service-, parking- and the emergency brake systems.

The display contains a large concentric 42 cm diameter scale for brake forces left and right. The red pointer represents the left wheel, the blue pointer represents the right wheel. The digital LED display is designed for a clear presentation of all numerical values in brake force, weight, sideslip and brake efficiency.

Standard features of the 876 Analogue Display:

- Analogue and digital brake force indication left & right.
- Digital brake force difference indication left & right.
- Full automatic test sequence.
- Microprocessor controlled.
- 4x4 reversible roller kit included.
- Wheel lock indication lamps left & right.
- Rolling resistance & ovality measurement.
- Digital efficiency results for service- and parking brake.
- Digital sideslip results for front- and rear axle (optional).
- Memory for storage of test results for front-, rear and parking brake with indicators.
- Infra red remote control for operation of all functions of the test lane.
- Easy Exit drive out of rollers included.
- Wall bracket included.
- Brake efficiency calculation for service- and parking brake after manual weight input, or automatic weighing with an optional weighing system.



	<i>876 Spec</i>
Max. drive over axle load	GVW 7500kg
Max axle test load	4000kg
Roller speed	4,5 km/h
Brake force max.	14000N
Rollers	206 x 900mm
Track	880 - 2680mm
Power supply	2 x 5.5kW 3Ph 400V/230V 50Hz
Dimensions	281 x 76 x 32 cm
Chassis	Hot dip zinc
Display dimensions	635 x 635 x 210 mm (WxHxD)