

SDS Test Systems for all applications



SDS is worldwide leading in optoelectronic tire testing and offers customized fully automatic test systems with integrated conveyor systems for all applications and customer requirements. All components are individually coordinated – for best results and economical operation.

Technical data and options

Features	ITT-2 950/1280	ITT-2 1650
Tire types	all tire types: passenger car, truck, aircraft, radial, bias	
Testing procedure	time phase shift, single- and multihead*, scaled display of results*, etc.	
Testing area	crown and sidewall (turn for bead to bead inspection)	
Defect types	separation in the belt edge, liner, repairs, patch, corrosion, broken radial wire, undercure	
Display of results	overview of all scans, single scans, display of results and video for all views	
Data storage	automatic, ISO compliant, backup Manager for archiving (various media)	
Loading / Unloading	single sided manual loading/ unloading, second door for inline, automatically with individual conveyor layouts	
Turn Over Fixture	optional	
Conveyor System	various modules, constructions and logistic solutions	
Barcode	barcode based inspection and connection, interfaces to FAR, etc. (optional)	
Automatic Anomaly Detection	optional	
Categorization	individual configuration	
Remote Control	yes via Internet	
Number of Measuring Heads	1 or 3	
Dimensions L X W X H (mm) double door	2800 x 1100 x 1950 / 4800 x 1600 x 2300	5800 x 2200 (2900) x 2500
Weight	1500 kg / 2400 kg	3700 kg
Electrical connection 3PH / 50-60Hz	200 - 520 V / 16 - 32 Amp or country specific	
Pneumatic connection	R1/2", min. 7bar	
Ambient temperature **	+15°C to +40°C	
Color (RAL) ***	blue (5002), silver (9007) or customer preference	
min. innerØ / max. outerØ	Ø12" / Ø1280mm	Ø12" / Ø1650mm
min./max width ("/mm)	100mm / 520mm	100mm / 660mm (770)
Test capacity tires/hour. crown (1, 3 head) ***	36, 55 / 33, 50	30, 45
Test capacity tires/hour. bead to bead (1, 3 head) ***	14, 25 / 13, 23	11, 20

* patented ** higher temperature ranges with air condition *** with 8 sectors/40mBar and typical resting times

What are your requirements?

We are pleased to show you our solution for your applications. Contact us.

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Technical consulting

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Personal advice on-site

Arrange an appointment:

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