

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-OTR	ITT-1 2100
Tire types	all types of tires, especially OTR	
Testing procedure	time phase shift, single and multihead*, scaled display of results*, etc.	
Testing area	crown and sidewall (turn over 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, by a backup manager for archiving to various media	
Loading / Unloading	on request, depending on type	single sided, inline, automatic
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	1 or 3
Dimensions L X W X H (mm) single door	on request, depending on type	5000 x 2500 x 2850
Dimensions L X W X H (mm) double door	on request, depending on type	7500 x 2500 x 2850
Weight	on request, depending on type	ca. 4500 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	
Tire dimensions max.	...31/80R49, 40.00R57, 59/80R63	..., 26.5R25, 29.5R25, 18.00R33
min. / max. AD	300mm (12") - depending on type	300mm / 2100mm
min. / max. width	200mm - depending on type	180mm / 900mm
max. tire weight (kg)	depending on type	1000
Test capacity tires/hour. crown (1 head) ***	ca. 12	ca. 20
Test capacity tires/hour. bead to bead (1 head) ***	ca. 4	ca. 6

* 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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