

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-1 1280	ITT-1 1650	ITT-1 2100
Tire types	passenger car, truck, aircraft, radial, bias		all types, 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	single sided manual loading and 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		1 or 3
Dimensions L X W X H (mm) single door	3250 x 1500 (2200) x 2200	3850 x 2100 (2800) x 2800	5000 x 2500 (3200) x 2850
Dimensions L X W X H (mm) double door	4800 x 1500 (2200) x 2000	5800 x 2100 (2800) x 2800	7500 x 2500 (3200) x 2850
Weight	ca. 1850 kg	ca. 3400 kg	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		
min. innerØ / max. outerØ	Ø12" / Ø1280mm	Ø12" / Ø1650mm	Ø12" / Ø2100mm
min./max Width ("/mm)	100mm / 520mm	100mm / 600mm	180mm / 900mm
Test capacity tires/hour. crown (1, 3 head) ***	30, 45	25, 40	20
Test capacity tires/hour. bead to bead (1, 3 head) ***	10, 21	8, 18	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.

SDS Systemtechnik GmbH
 Rudolf-Diesel-Straße 7
 D-75365 Calw-Stammheim
 Phone +49 (0) 7051 / 93154-0
 Fax +49 (0) 7051 / 93154-99
 www.sds-systemtechnik.de
 info@sds-systemtechnik.de



Technical consulting
 Phone +49 (0) 7051 / 93154-0
Personal advice on-site
 Arrange an appointment:
 Phone +49 (0) 7051 / 93154-0