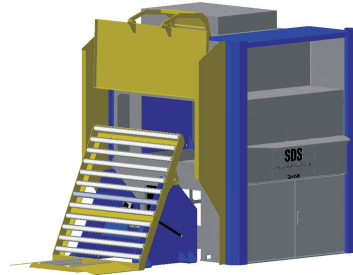




Interferometric Tire Tester



The Basic Tire Test System

ITT Easy is the basic solution for the initial inspection in truck tire retreading, compact and **easy** to use, with a single loader/unloader and a single measuring head. Optionally, the machine can be equipped with a second door with separate unloader and a second measuring head to improve the test capacity and casing handling.

Testing from shoulder to shoulder plus part of the sidewall, the machine shows the critical areas of a casing to classify the retread capability of a casing.

SDS tire testing systems require little maintenance. With standardized components and easy replaceable parts, for example laserdiodes, maintenance time and costs are minimized.

Easy Operation Intuitive machine handling with defined testing programs ensure an easy and also reliable daily operation of all tire sizes.

With the user friendly software, the perfect image quality and real time operation, defects are displayed, archived and documented fast and easily - also through semi-skilled personnel.

Return of Invest The ITT *Easy* systems guarantes a fast return of the initial investment due to the minimized acquisition cost for the machine and low operating costs. The layout is very compact and fits into each initial inspection area. Inspecting shoulder to shoulder is the best compromise for an easy casing classification and reliable retreads.

Excellent service By the SDS global service network and customer specific service contracts, SDS guarantees a close and fast follow-up of all customers.



SDS fulfillment:

- Consulting
- Planning
- Production
- Implementation
- Training
- Remote Control
- Service

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 <i>Easy</i>
Tire Types	light truck- and truck tires; radial and bias construction
Testing Area	crown, shoulder into sidewall from tire inside
Defect Types	all kind of separations - belt edge separation, corrosion, loose wires, undercure, blister,...
Display of Results	overview of all scans, single scans, single sector display as result- and video image
Data Storage	automatic, ISO compliant, backup manager for archiving to various media
Loading / Unloading	single side loading/unloading or optional second door with separate loading and unloading
Barcode	optional handheld barcode scanner or automated solutions, open data interfaces (FAR, etc.)
Automatic Anomaly Detection	optional with adjustable sensitivity, evaluations zones, polygonized area, statistical output (CSV)
Computer System / PLC	Industrial PC, Windows XP or -7 / WAGO or optional Beckhoff, Rockwell *
Remote Control	(yes) via internet
Number of Measuring Heads	standard single head (second head optional)
Dimensions L x W x H (mm) single door	3000 x 1850 x 2100
Dimensions L x W x H (mm) double door	4500 x 1850 x 2100
Weight	ca. 1250 kg
Electrical Connection	3 Phase with 50 or 60Hz, typ. 380 - 480 V / 16 A or country specific
Pneumatic Connection	R1/2", min. 6 bar
Ambient Temperature **	+10°C to + 35°C
Color (RAL)	blue (5002), silver (9007) or customer specific
min. innerØ / max. outerØ / max. weight	Ø15" / Ø1280 mm / 125 kg
min./max width ("/mm)	120 mm / 500 mm
Test capacity tires/h. crown 1 (2) head ***	25, 45

* details on request; ** higher temperature ranges with air condition;

*** with 8 sectors / 40 mbar, single door, typical resting times and Windows 7; double door configuration ~10 sec faster

What are your requirements?

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

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