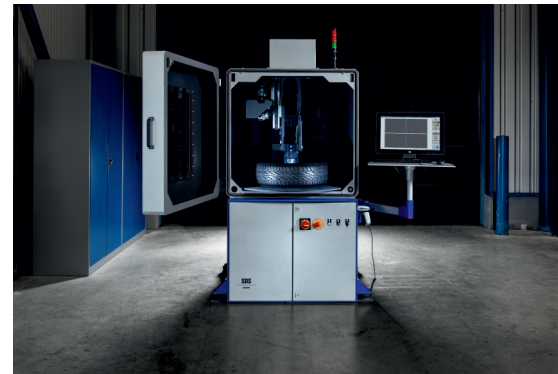
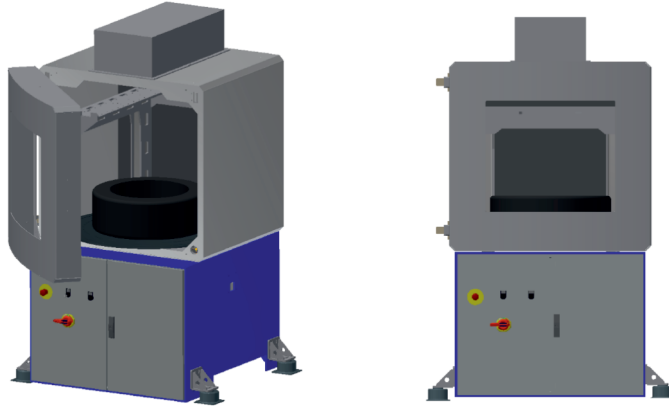


ITT-Compact

The mobile Tire Test System



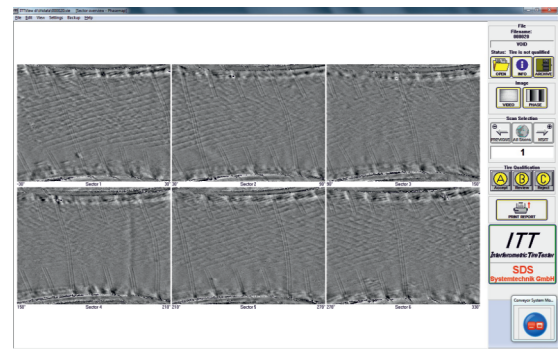
Interferometric Tire Tester ITT-Compact

The solution for manual testing in the laboratory or in the production as well as directly at test track and race track sites.

Easy to move and no need for compressed air the ITT-Compact is a „**plug and test**“ machine - for any place where tires have to be tested.

The ITT-Compact is perfectly suitable for the inspection of smaller tires such as roller -, motorcycle, three weeler etc. as well as PCR and race tires.

The ITT-Compact is a stand alone machine with manual loading of the tire and manual lid operation. The test procedure is fully automatic controlled. The measuring principal and software concept is the same as with the larger ITT and OTR series. The images as well as test settings are compatible



Your benefits:

- Flexible and mobile
- Easy to operate
- Silent operation and minimized electric power consumption
- HMI with touch screen monitor
- Barcode scanner, optional different database interfaces,
- Basically maintenance free machine
- All special features such as 45° shearing, test on rim, automated result validation etc. are available



NON-DESTRUCTIVE TIRE TESTING BY SDS TECHNOLOGY

Technical data and options

Features	ITT-Compact
Tyre Types	passenger car, motorcycle, helicopter/aircraft, radial, bias
Testing procedure	time phase shift, single head operation*, scaled display of results*, etc.
Testing area	crown and sidewall (manual 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	manual
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
Dimensions L x W x H (mm) single door	1350 x 1150 x 2100
Weight	1250 kg
Electrical connection 3PH / 50-60Hz	380 - 480 V / 10 Amp or country specific
Ambient temperature **	+10°C to + 35°C
Color (RAL) ***	blue (5002), silver (9007) or customer preference
min. ID / max AD / min./max width ("/mm)	Ø10"/Ø980 / 120/400
Test capacity tires/hour. crown (1 head) ***	45
Test capacity tires/hour. bead to bead (1 head) ***	15

* patented

** higher temperature ranges with air condition

*** with 8 sectors/40mBar and typical resting times

SDS Systemtechnik GmbH
Rudolf-Diesel-Strasse 7
D-75365 Calw-Stammheim

www.sds-systemtechnik.com
info@sds-systemtechnik.de

SDS
Systemtechnik
GmbH



Technical consulting
Phone +49 (0) 7051 / 93154-0

Personal advice on-site.
Arrange an appointment:
Phone +49 (0) 7051 / 93154-0
Fax +49 (0) 7051 / 93154-99