

BGuide®

The Handy Instrument to Control & Document the Production

The **BGuide®** is the most advanced and easiest way to measure, control and document the layer of "under tread" as well as the layer of extruded cushion gum over the full Crown area

The **BGuide®** will enable you during buffing to:

Minimize your floor-floor buffing time – by fewer control stop's

- **Minimize** the number of steel-belt crash
- **Minimize** the layer of rubber above the steel belt, which leads to:
 - Saved skiving time
 - Lower operating temperature for the retreaded tyre = more Km/miles
- **Minimize** time for definition of new types of casing

during cushion gum extrusion to:

- **Optimize** your layer of cushion gum
- **Save cost** on cushion gum

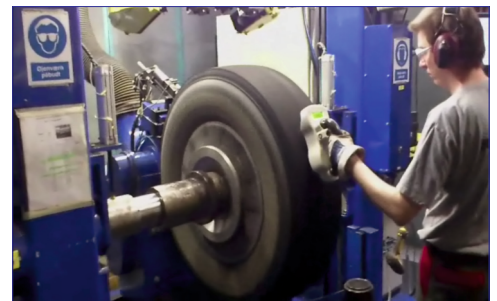
The **BGuide** works through a combination of advanced sensor- and latest computer technology and is performing 30 individual measurings per second in a distance up 6.5 – 7.0 mm from steel belt.

Due to the special design of the **BGuide** measuring can take place even on rotating tyres having the effect that in just 10 seconds 300 individual points will be measured.

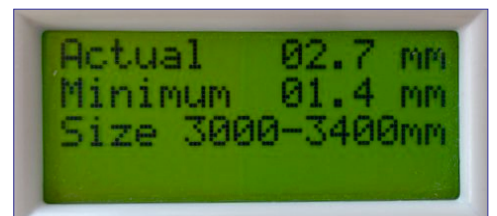
The BGuide operates via rechargeable batteries and is delivered with a recharge dock station (100 – 300 Volt).

Compared to traditional measuring methods the **BGuide** gives the operator full flexibility as to which area of the full crown he wants to measure.

(A fixed mounted steel belt device only gives you a measuring in the middle of the casing.)



Measurement operation



Displayed results



NON-DESTRUCTIVE TIRE TESTING BY SDS TECHNOLOGY

Technical data and options

Features	BGuide
Tire Types	light truck- and truck tires (radial)
Testing Area	full crown area, thickness up to 6.5 - 7.0 mm from steel belt
Test capacity	30 points per second 10 second testing = 300 points measured
Measuring values	decimal mm
Accuracy	+ / - 0.3 mm relatet to steel cord alloy and density
Measuring Area	over the full crown area
Displayed	"Actual" actual distance to steel belt at present position "Minimum" shortest measured distance to steel belt from last reset "Size" circumference area selection for extended accuracy
Power Supply	100 - 230 V / 24 Volt - 50 Hz
Battery	10 x 1.5 Volt AA (rechargeable) Dock station for recharge of batteries and positioning included
Dimensions L x W x H	290 mm x 130 mm x 150 mm
Weight	1400 g

The BGuide is an instrument to be used in the daily production as well as by production managers, RD technicians, product auditors and training institutions.

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