

# 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:

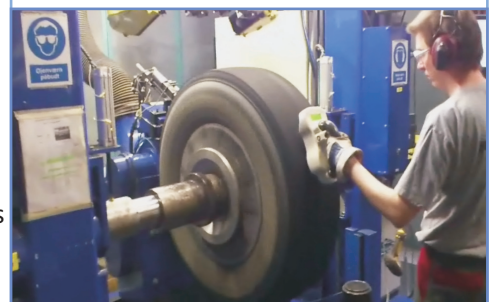
- **Optimize** your layer of cushion gum
- **Save cost** on cushion gum

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

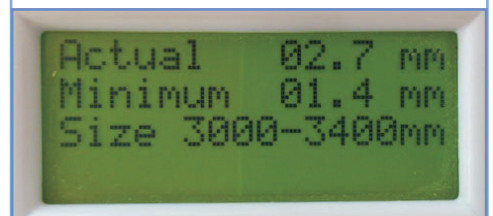
Due to the special design of the **BGuide** measuring can take place even on rotating tyres having the effect that in just 10 seconds 300 individual points will be measured.

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

SDS fulfillment:

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

# SDS Test Systems for all applications



SDS is worldwide leading in optoelectronic tire testing. By adding the BGuide to the SDS range of products, the company is expanding into a new segment of advanced tire testing equipment and tools. The BGuide is second-to-none as an instrument to test and document the buffing - and to control the consumption of extruded cushion gum.

## Technical data and options

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

## What are your requirements?

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

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