

BeMeTec-Solutions UG

JUST WATCH .

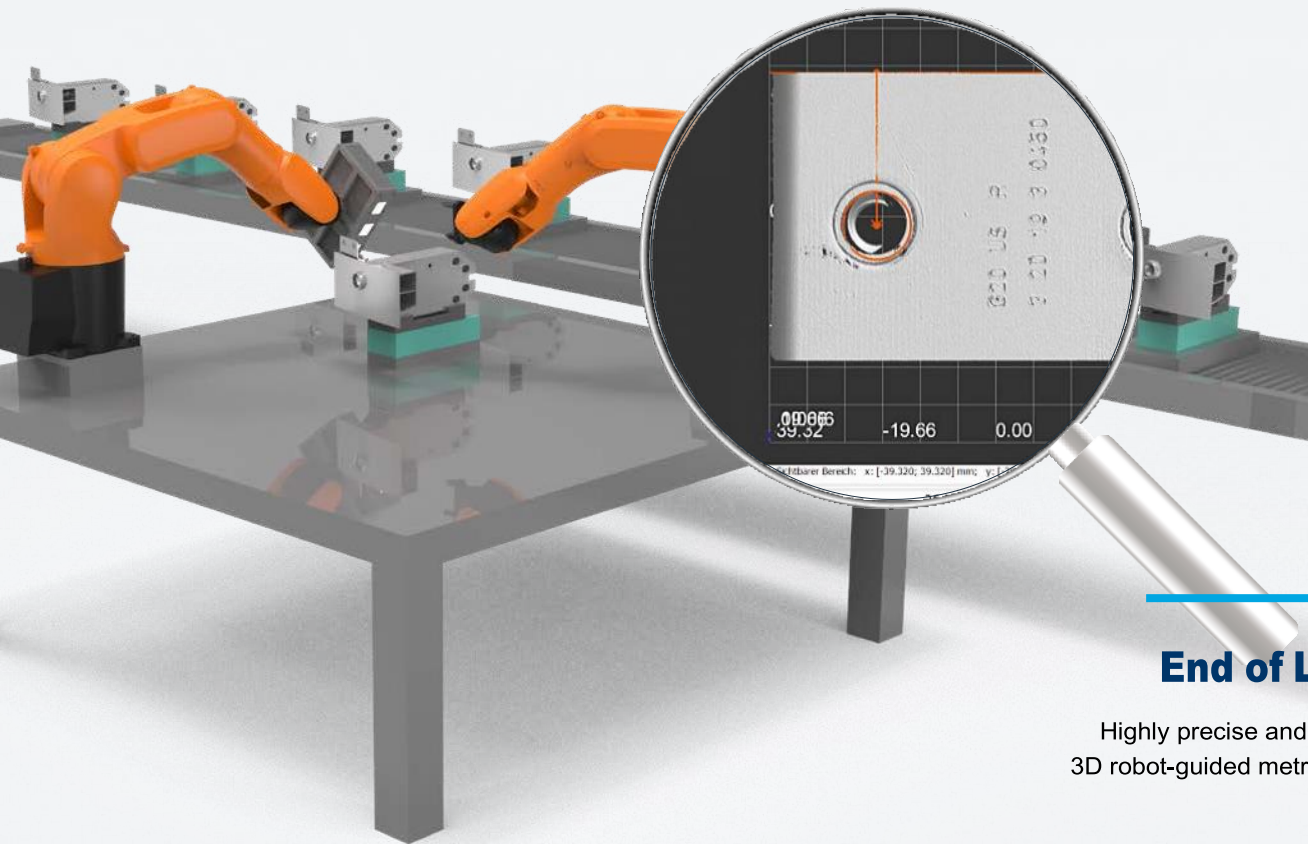
DO NOT TOUCH .

The WORLD of non-contact measurement and testing technology



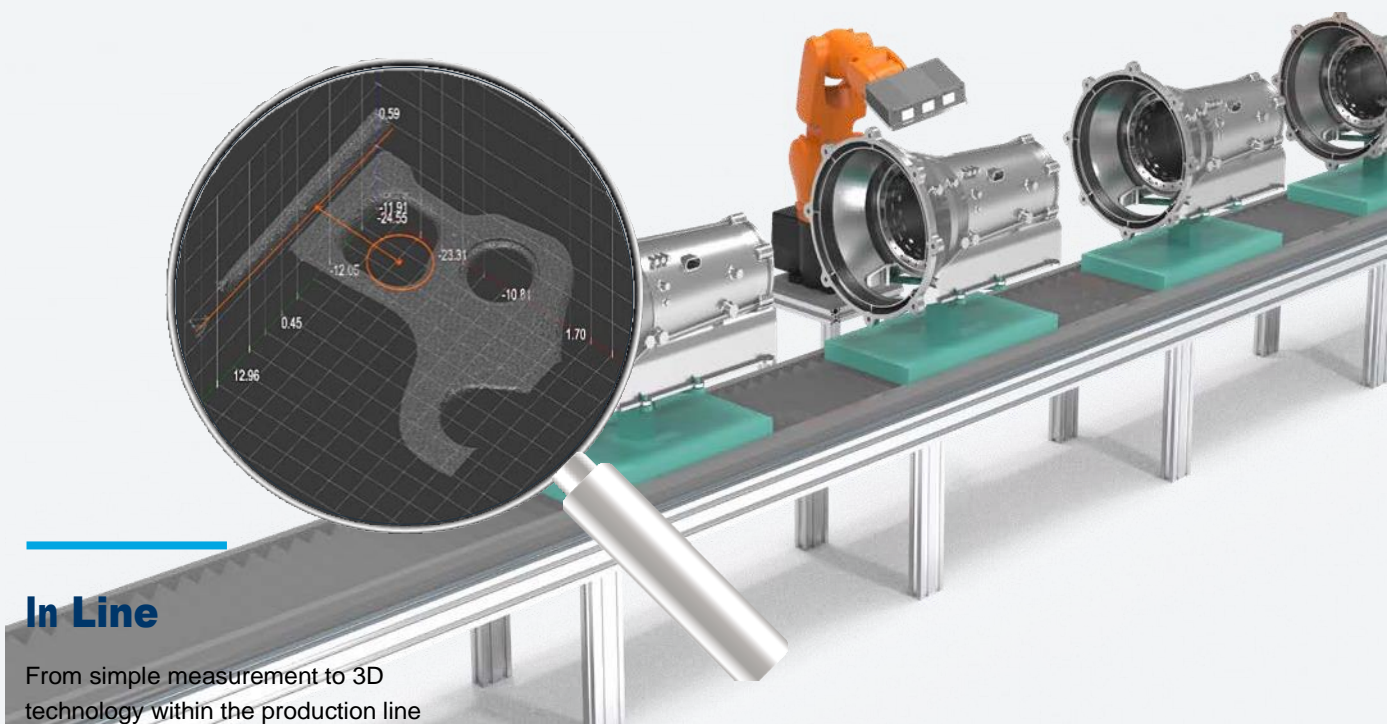
Complete Solutions

End of Line / In Line



End of Line

Highly precise and fast –
3D robot-guided metrology.



In Line

From simple measurement to 3D
technology within the production line
without influencing the cycle time.

With the technology of non-contact measurement technology,

- Any type of individual part measurement,
- Any kind of mass measurement at high speeds,
- End of Line Measurement up to 100 %,
- In-line measurement up to 100 % and
- Every dimension measurable.

Measurable characteristics

- Width, length, height
- Acceleration and tilt
- Thickness measurement of sheet metal, strip, foil, layers, etc.
- Revolution speed and speed
- Deflection, curvature, waviness
- Diameter, eccentricity and roundness
- Positioning, tilting, centering
- color detection, measurement and comparison, contrast and intensity
- Filling and water levels also of Blisters, shelves and packaging of any kind
- Lifting and lifting height
- Profile measurement, contour, seam, gap, flush
- Concentricity, impact, deformation, extension, displacement
- Measurement of roll gap, air gap, oil and lubrication gap
- Temperature
- Distance, distance, position, distance

Measured values into the database, into production control, etc.

- Storage of the measured values in the customer database
- From a simple measured value to a 3D point cloud
- Data Evaluation
- Limit values and envelopes
- Traceability
- Closed Loop of production
- Interface to quality, MES and ERP systems



**Capture and
archive data**



**View and
analyze data**

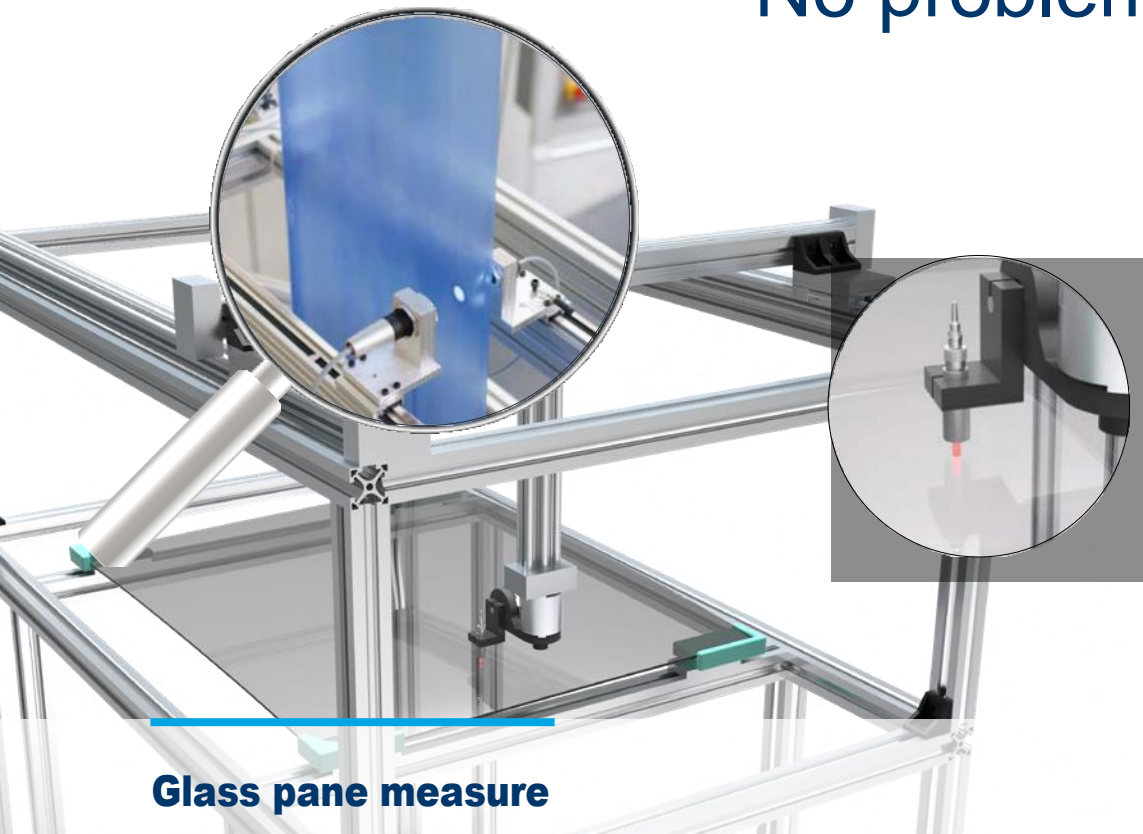


**Prepare and
document data**



Controlling the

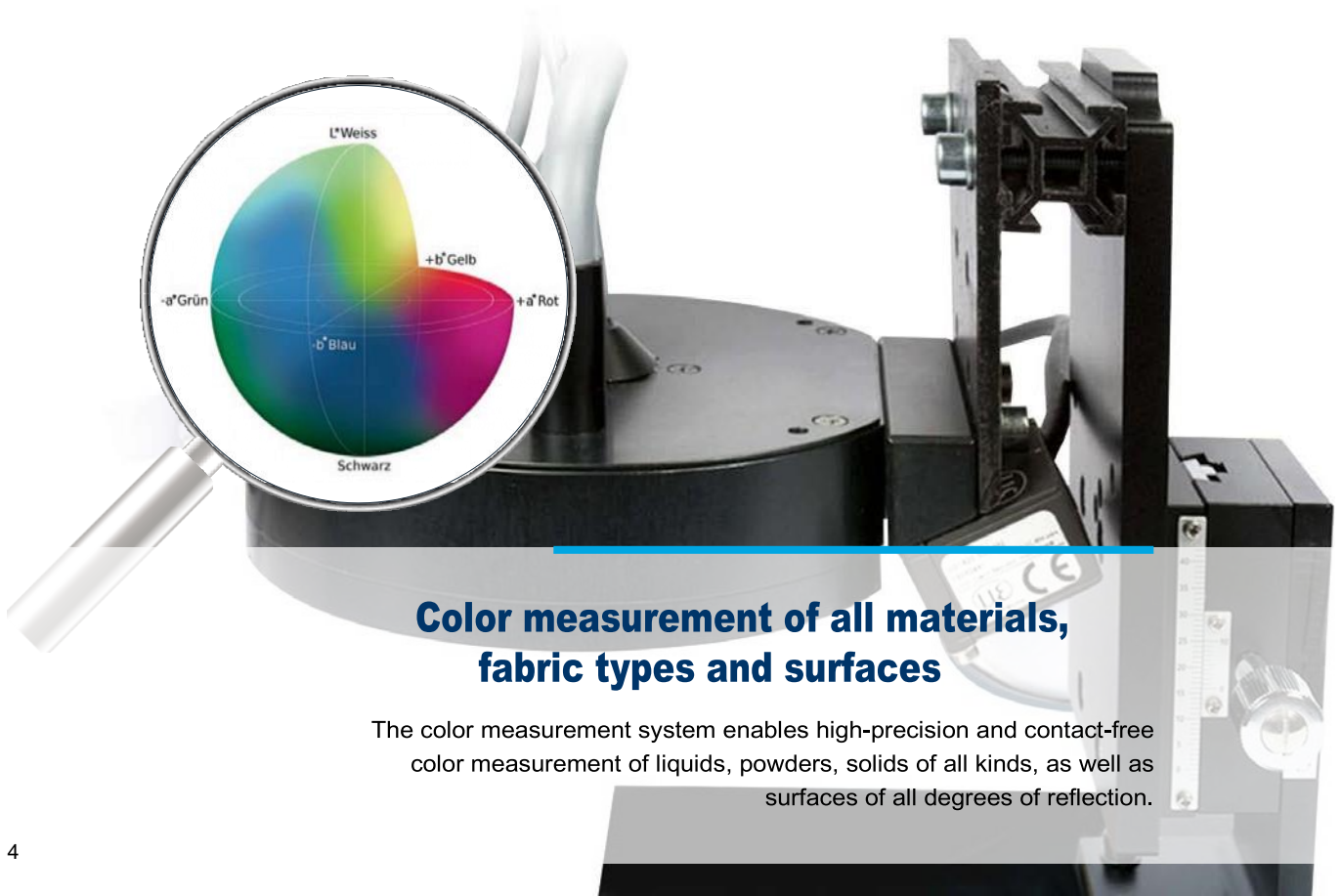
Demanding measurement tasks – No problem.



Glass pane measure

Non-contact measurement of all types of windows for cars, trucks, buses and rail vehicles. This with an unlimited number of measuring points with regard to

The simplest dimensional measurement via bending, screen printing, ceramic coating and PRIMER application to FILM THICKNESS measurement in laminated glass panes.



Color measurement of all materials, fabric types and surfaces

The color measurement system enables high-precision and contact-free color measurement of liquids, powders, solids of all kinds, as well as surfaces of all degrees of reflection.

Use of our measurement technology everywhere in the entire industry

Robotik



Glass



Automatisierung



Luft- und Raumfahrt



Giesserei



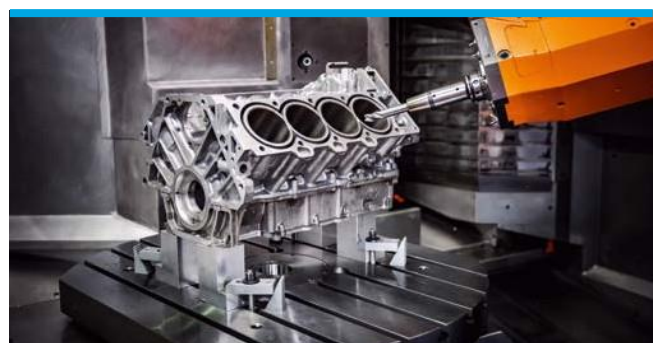
Medizintechnik + Pharma



Automotive



Metallverarbeitung Feinmechanik



Non-contact measurement technology

BeMeTec-Solutions and its partner companies provide you with:

Large selection of sensors for every application

Precision mechanics, measuring and testing fixtures

Robot cells and gantry solutions

Safety engineering

Conveyor technology for processes in a wide range of technical disciplines

Stand-alone solution or integration into the line.

End-to-end automation solutions in the areas of

Production data acquisition,

Plant automation and quality assurance.

Programming

Complete plant construction

In the field of plant engineering, we design everything from simple measurement fixtures to robot cells or portal solutions for process flows of a wide variety of technical systems.

Our implementation management offers you cycle time calculations, factory planning, designs, hardware planning, software, CE markings, assembly, training.

We offer you a friendly and goal-oriented cooperation. With our complete package, we support you in all aspects of your project.

You are welcome to use our "Show and Test Room" on site or via live video link. Let us convince you of the many advantages of non-contact measurement technology.

Your contact person

Thomas Walent

BeMeTec-Solutions UG

Sternstraße 10

D – 42859 Remscheid

+49 (0) 2191 /38424

Thomas.Walent@bemetec-solutions.de