

# G3F - GAP & FLUSH MEASUREMENT SYSTEM



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102018000003247

**KEYWORDS:**

Automotive  
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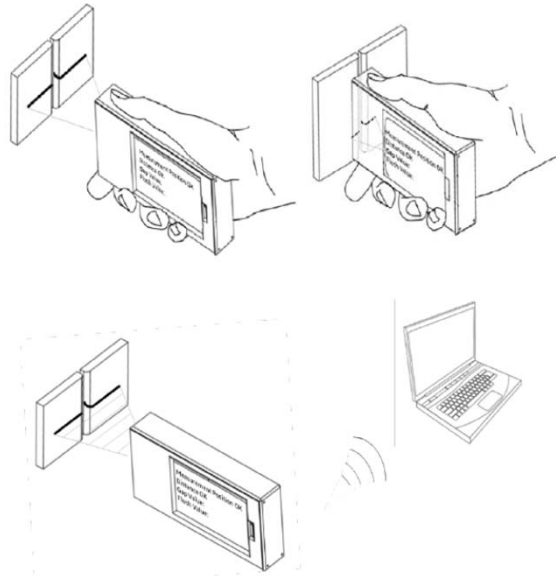
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The device is integrated in a smartphone and is able to recognize the measurement area through a Deep Learning approach. The device allows measurements to be made even on surfaces and materials that have different optical responses, as, for example: metal, plastic, chromed components, etc.

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# G3F - GAP & FLUSH MEASUREMENT SYSTEM



## DESCRIPTION:

The device automatically recognizes the measurement area through a Deep Learning approach and can enable or disable the measurement laser, depending on the distance of the device from the surface, and, consequently, change the camera exposure time.

These functions are needed to guarantee the safety of the operator and to better calibrate the measurement and to reduce the uncertainty. The characteristics of the device allow measurements to be made even on surfaces and materials that have different optical responses (for example: metal, plastic, chromed components, etc.), keeping the measurement accuracy level constant.

## ADVANTAGES:

- Allows measurement on different types of surfaces Security and portability.
- the solution integrates various safety measures for the operator, turning the laser on and off and enabling the measurement only after recognizing the operator
- Recognition of individual measurement points, highlighting compliance / not compliance for each measured point
- Recognition of the part to be measured
- Possibility to operate in contact or at a distance
- Automatic storage of collected data

## APPLICATIONS:

- Real time measurements
- Automotive / Aerospace sectors
- White goods sector
- Furniture sector

