



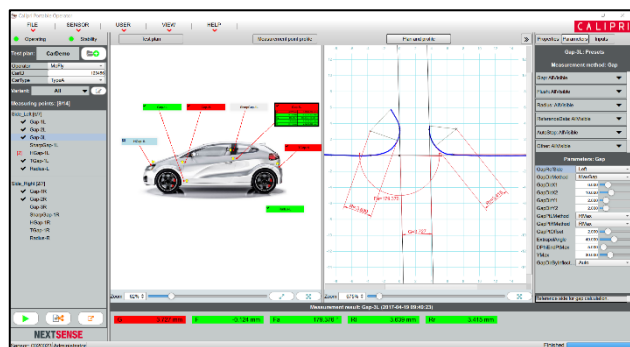
CALIPRI C10 - AUTOMOTIVE BASIC BUNDLE

Data sheet

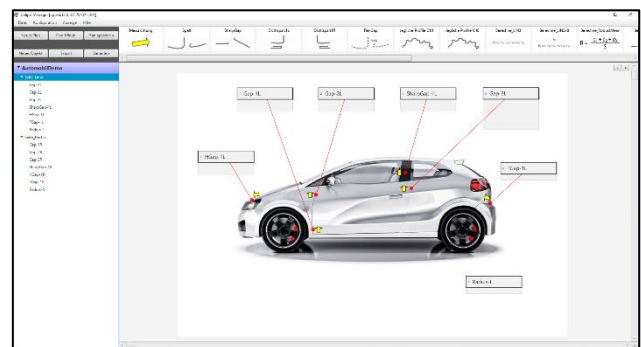
APPLICATION

The handheld optical measurement device CALIPRI C10 allows for the contactless measurement of gaps and edges in a matter of seconds without the need for mathematical estimations. A particular measurement plan is created by Drag & Drop in the software *Calipri Manager*. The user or higher ranked person defines the position of measurement points, the measurement method/measuring instruction, the parameters and the single measurement point tolerances. Afterwards the profile recording is carried out by the swivelling movement of the CALIPRI sensor. Thereby the sensor captures the 2d contours from different perspectives – the depth of the gap or the contours of the hem edge. The measurement software *Calipri Portable Operator* allows for the evaluation of gap, flush and radius of captured profile curves without any extrapolations (mathematical estimations). The measured variables are displayed on the tablet PC and on the sensor itself and can be compared with reference values. A traffic light system is used to make upper or lower control violations easily identifiable. The obtained measurement data can be printed as customized reports or exported to an existing database. Furthermore, the software *Calipri Analyzer* can be used to evaluate each scanned profile manually to obtain measurements not currently in the predefined set. The length and angle measuring tools on the touch display can be used to measure captured profile and to compare them with reference profiles or templates. In addition, the Automotive Basic Bundle is covered by our 12 months service package.

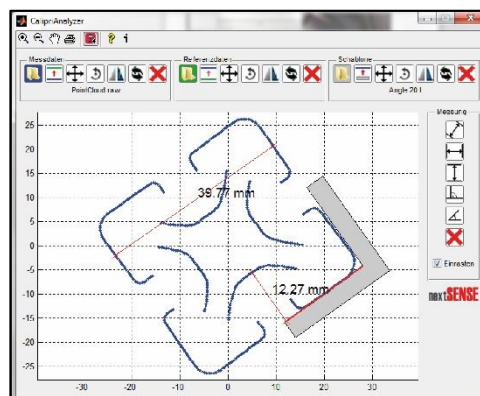
SOFTWARE:



CALIPRI PORTABLE OPERATOR



CALIPRI MANAGER

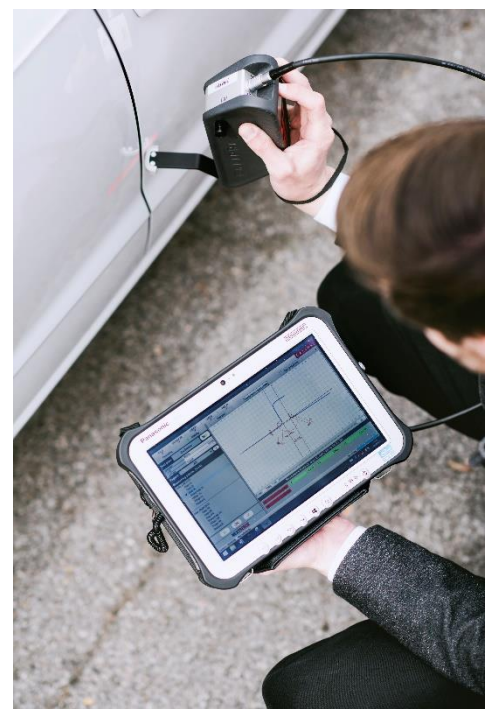


TECHNICAL DATA

Accuracy	Absolute: Repeatability:	< $\pm 30 \mu\text{m}$ < $\pm 15 \mu\text{m}$
Sensor	Display: Operation: Weight: Dimensions: Measurement range: Protection class:	2.3 inch FSTN LCD display Push buttons 530 g 18.7 oz 86 x 72 x 188 mm 3.4 x 2.8 x 7.4 in Approx. 50 x 50 mm 2 x 2 in IP 54
Tablet PC	Display: Operation: Weight: Battery: Dimensions: Protection class:	10.1 inch WUXGA Touch (incl. Stylus) 1,300 g 46 oz Lithium-Ion, Runtime approx. 5h/battery 270 x 188 x 38 mm 10.6 x 7.4 x 1.5 in IP 65
Data transfer	Sensor -> Tablet PC: Data export:	Cable WLAN (802.11 a/b/g/n), Ethernet (10/100/1000 Mbit), Bluetooth (V4.0 + EDR 1)
Export formats	Reports: File format:	PDF, Direct connection to printer DXF, XML, CSV
Application	For the measurement of standard and special gaps of car exterior or for the measurement of hem edges of stamped parts. Not for continuous measurement in the production line.	
Product ID	C10AB01	

SCOPE OF DELIVERY & SERVICES:

- ✓ CALIPRI C10 basic system
 - Sensor
 - Tablet PC with measurement software "Calipri Portable Operator"
 - Connecting cable Sensor->Tablet PC
 - Carrying strap
 - Self-test and adjusting device (reference target)
 - Hard-shell case
 - User manual
- ✓ Software license measurement module "Automotive Measurement Methods"
 - Measurement methods for standard gap and hem edges
- ✓ Software license measurement module "Special Gaps"
 - Measurement methods for complex gap contours
- ✓ Measurement plan creation software "Calipri Manager"
- ✓ Analysis software „Calipri Analyzer“
- ✓ Hem edge supporting gauge "FKM1"
- ✓ 12 month service package (valid for 1 year)



ADD-ONS:

- + Software license measurement module “Seal Gaps“
 - Measurement method for assessment of sealing gaps
 - Product ID: CMM4003
- + Software license measurement module “Universal Profile“
 - Measurement method for recording of any contours
 - Product ID: CMM9001
- + Software license “Calipri Analyzer” for desktop PC
 - Software tool for analysis of Calipri measurement profiles
 - Product ID: CSW1001
- + On-site trainings for users and administrators
 - Product ID: CSM2011/AUT1 (basic training)
 - Product ID: CSM2011/AUT2 (expert training)

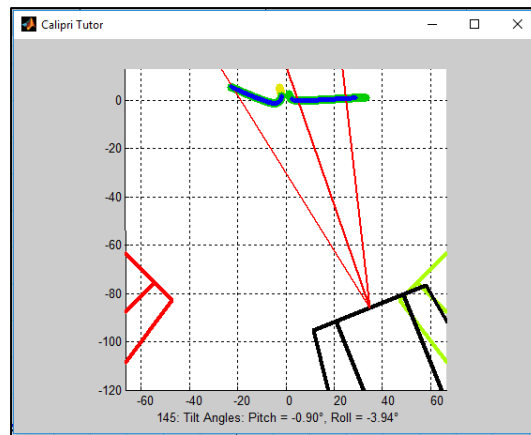
MEASUREMENT PROCESS



CREATION OF THE MEASUREMENT PLAN



MEASUREMENT PROCESS



SENSOR GUIDANCE (TABLET PC)



MEASUREMENT RESULT (SENSOR)

AND



MEASUREMENT RESULT (TABLET PC)

Offers & Live demonstrations:

sales@nextsense.at