



# VIOLET LASER MEASURE ALL GAPS

VIOLET LASER SENSOR HEADS –  
THE SMARTEST GAP, FLUSH AND  
FEATURE MEASUREMENT TOOLS



All common  
automotive  
finishes



Fast, repeatable  
measurements



Traceable data  
management



Outstanding  
reliability



One-click measure  
and quality check



Intuitive,  
comfortable,  
accepted



Wireless,  
PC free





# VIOLET. THE SMARTEST AUTOMOTIVE FEATURE MEASUREMENT SOLUTION.

Violet extends the range of materials which can be measured with GapGun® and Vectro® systems.

Violet sensor heads are proven, effective tools for gap, flush and other profile measurements on head and tail light clusters, chrome detailing and almost all other automotive finishes.

Using a shorter wavelength than blue lasers maximises the range of surfaces that Violet sensor heads can measure.

Violet still offers the industry leading accuracy, speed, traceability, usability and reliability of other VChange® sensor heads. A white paper providing more detail of product benefits, details, usage and benchmarking is available.

## 01

### Make the smartest choice

The shortest wavelength on the market and enhanced software intelligence means Violet sensor heads lead the way in surface capability and measurement resolution.

## 02

### Improve data quality and traceability

Replace manual, contact gauges for measurements on chrome and translucent materials, for reliable, repeatable, offline quality control and inline inspection.

## 03

### Speed up and simplify inline inspection

Violet sensor heads can measure inline on headlights, tail lights, chrome and all other common automotive surface finishes – one tool for many measurements.

## 04

### Maximise your investment

Violet sensor heads fit GapGun® and Vectro® data collectors with no additional licences required – making them a simple, low cost upgrade.

## TECHNICAL SPECIFICATION

### Surface capability

All common automotive surfaces including paints, plastics, bare metal, fabrics, chrome, polycarbonate (clear, red, other colours) and tinted glass

### Sensor variants

FOV15V and FOV40V

### Accuracy and repeatability

Defined by specification D05031. Sensor heads include a calibration and certificate

### Compatible with

GapGun Pro and Vectro data collectors, v.7.7.554 software and later, head extension cables, protection jackets and standoffs

### Size

65 x 105 x 60 mm (2.6 x 4.1 x 2.4") W x D x H

### Weight

160 g (5 oz)

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ADVANCING MANUFACTURING