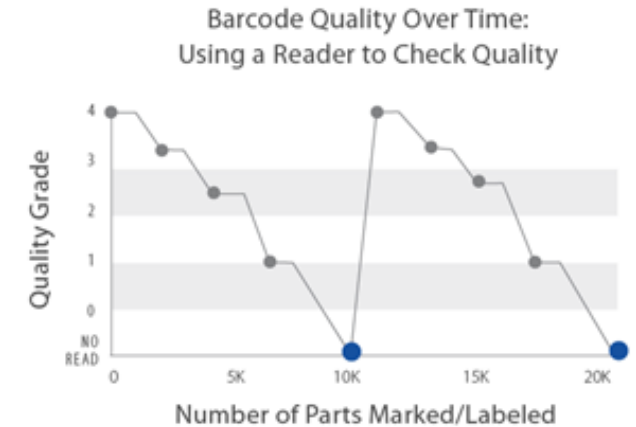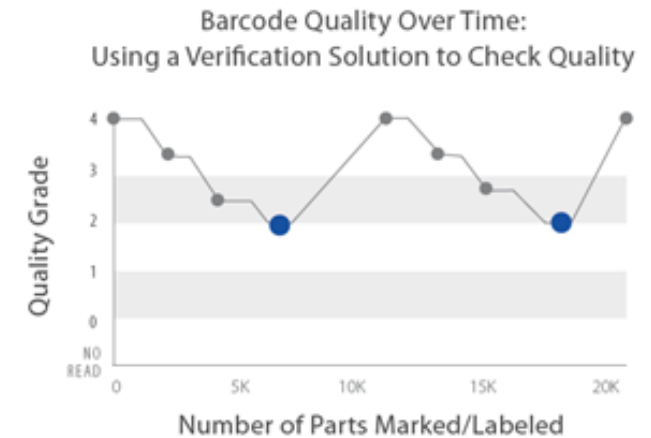# Barcode Verifiers
## Off-Line

# Verification

- Verification is an objective, precise standardized measurement of the quality of a barcode symbol against a published specification.

- Verification is a predictor of how well a code will be able to be read throughout its life cycle.

- The Verifier is the calibrated instrument used to objectively measure the barcode quality

**WITHOUT VERIFICATION**

Barcode Quality Over Time:
Using a Reader to Check Quality

**WITH VERIFICATION**

Barcode Quality Over Time:
Using a Verification Solution to Check Quality

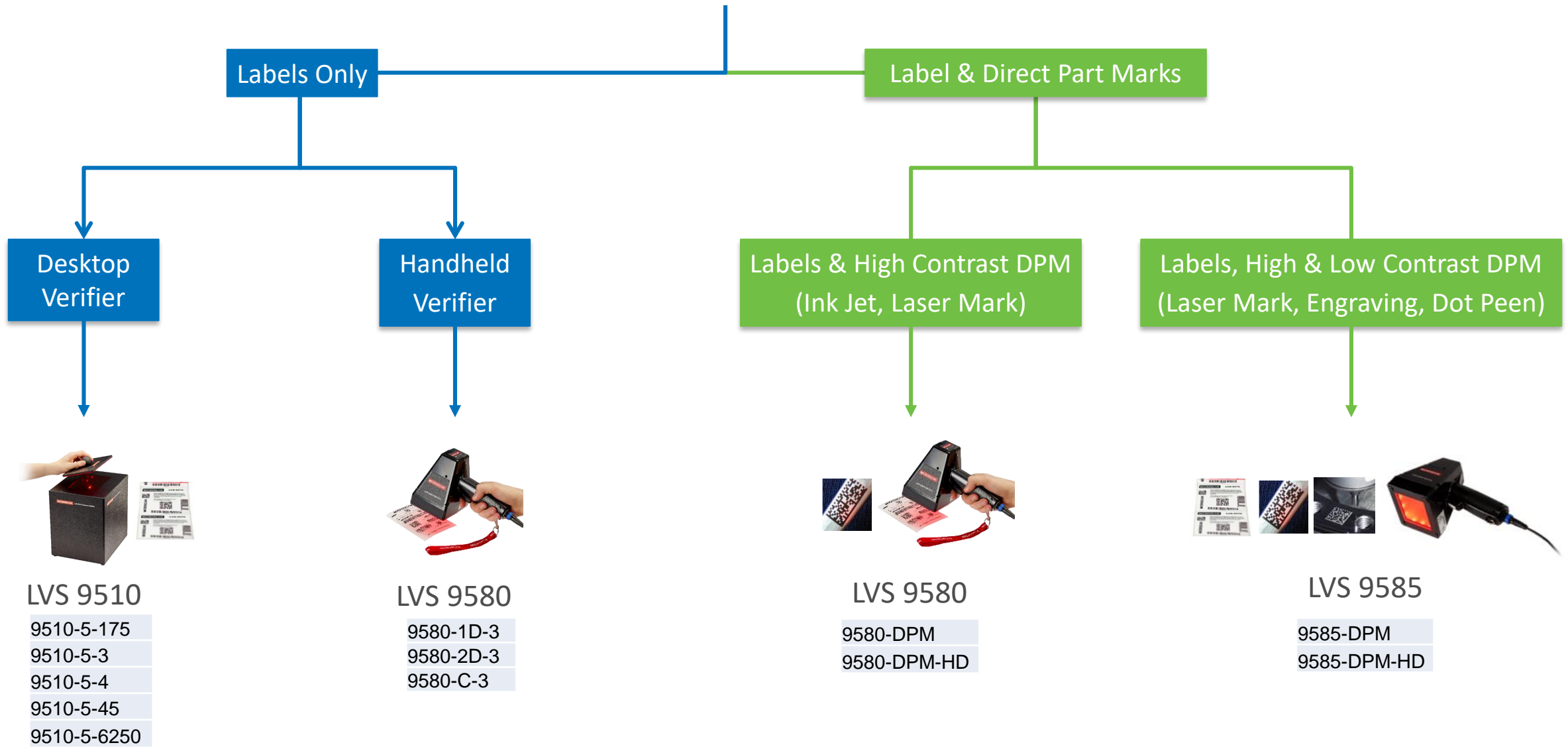OMRON   INTEGRATED | INTELLIGENT | INTERACTIVE

# Off-line Verifiers

- Off line Verifiers can be used to measure barcode quality of a single barcode at a time. Usually on a label or DPM.

- DPM stands for Direct Part Marking where the barcode is marked onto the part or into the part.

- Some DPM Barcodes use depth for the marking (dot peen, percussion & some laser marks).

- These are a Low Contrast DPM and require the 30 degree angle lighting, specifically available on the LVS-9585.

**Which Verifier Should I Choose?**

Labels Only

Label & Direct Part Marks

Desktop Verifier

Handheld Verifier

Labels & High Contrast DPM (Ink Jet, Laser Mark)

Labels, High & Low Contrast DPM (Laser Mark, Engraving, Dot Peen)

**LVS 9510**

9510-5-175
9510-5-3
9510-5-4
9510-5-45
9510-5-6250

**LVS 9580**

9580-1D-3
9580-2D-3
9580-C-3

**LVS 9580**

9580-DPM
9580-DPM-HD

**LVS 9585**

9585-DPM
9585-DPM-HD

*Select a part number based on the barcode type, size and field of view required. Click the picture to link to the individual product

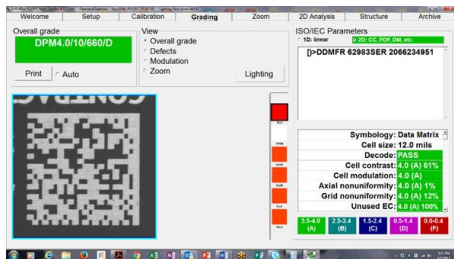# LVS 9510 Desktop Barcode Verifier

- Calibrated Verifier

- Intended for "Off-Line" label verification

- Labels can be set directly on top of the glass

- Provides a verification report for each barcode

- Includes Red Dome Lighting

- USB Powered Connection to PC

- Includes Omron LVS PC verification software

Click on pictures to link to datasheet

LVS-9510
Desktop Verifier

# LVS 9510 Desktop Barcode Verifier

- Select a part number based on the label and barcode size required to be verified
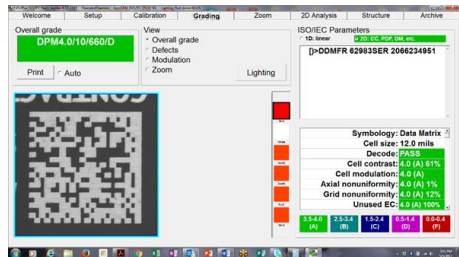
Field of View size Available by Part number:

| Part Number | Field of View | Type |
|---|---|---|
| 9510-5-175 | 44mm x 33mm | 1D & 2D Labels |
| 9510-5-3 | 76mm x 57mm | 1D & 2D Labels |
| 9510-5-4 | 98mm x 74mm | 1D & 2D Labels |
| 9510-5-45 | 113mm 85mm | 1D & 2D Labels |
| 9510-5-6250 | 155mm x 102mm | 1D & 2D Labels |

Click on pictures to link to datasheet

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Click on picture to link to datasheet

# LVS 9580 Handheld Barcode Verifier

- True Calibrated Verifier

- Intended for "Off-Line" label and DPM verification

- Verifier can be set directly on top of Barcode or mark regardless of the label size

- Provides a verification report for each barcode verified

- Includes Red Dome Lighting

- USB Connection to PC with Omron LVS Verification Software

- Software includes many different standards

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# LVS 9580 Handheld Barcode Verifier

- Select a part number based on the label size, barcode size and barcode or marking type required

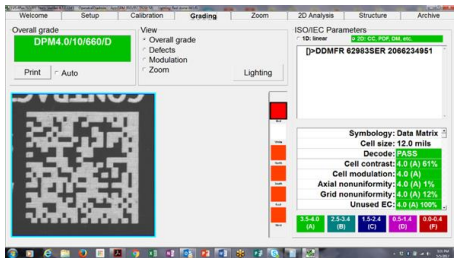Field of View size Available by Part number:

| Part Number | Field of View | Type |
|---|---|---|
| 9580-1D-3 | 76mm x 57mm | 1D Barcode Labels |
| 9580-2D-3 | 76mm x 57mm | 2D Barcode Labels |
| 9580-C-3 | 76mm x 57mm | 1D & 2D Barcode Labels |
| 9580-DPM | 45mm x 45mm | 1D/2D Barcode Labels & DPM |
| 9580-DPM-HD | 20mm x 20mm | 1D/2D Barcode Labels & DPM |

Click on picture to link to datasheet

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Click on picture to link to datasheet

# LVS 9585 Handheld Barcode Verifier

- True Calibrated Verifier

- Intended for all "Off-Line" Labels and DPM barcode verification

- Verifier can be set directly on top of barcode

- Provides a verification report for each barcode verified

- Includes red and white dome lighting plus 30 degree angled Lighting specifically required for some DPM barcodes

- USB Connection to PC with Omron LVS Verification Software

- Software includes many different standards

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## LVS-9585
## Handheld Verifier

Web Page link

# LVS 9585 Handheld Barcode Verifier

- Select a part number based on the label size, barcode size and barcode or marking type required

Field of View Available by Part number:

| Part Number | FOV | Type |
| --- | --- | --- |
| 9585-DPM | 45mm x 45mm | 1D/2D Labels & DPM |
| 9585-DPM-HD | 20mm x 20mm | 1D/2D Labels & DPM |

Click on picture to link to datasheet

**OMRON** | INTEGRATED | INTELLIGENT | INTERACTIVE

# Omron Offline Verifiers

## Your trusted partner in traceability