

### VisioDiam 3™

| Application       | Drawing dies                                      | Enamelling dies                                   |
|-------------------|---------------------------------------------------|---------------------------------------------------|
| Measure type      | Diameter - Roundness                              |                                                   |
| Repeatability     | ± 0,2 µm                                          | ± 0,2 µm                                          |
| Casing            | std Ø 25 - 28 - 43 mm<br>Max thickness 32 mm      | Specific                                          |
| Measuring time    | < 10 sec                                          | < 10 sec                                          |
| Calibration       | BALLOFFET Micrometer<br>Specific standard die set | BALLOFFET Micrometer<br>Specific standard die set |
| Display           | Average Ø + roundness                             |                                                   |
| Resolution        | 0,1 micron                                        |                                                   |
| User calibrations | 2                                                 |                                                   |
| Data export       | Yes                                               |                                                   |
| Label printing    | Optional printer                                  |                                                   |

Available in 4 versions,  
depending on your range of  
diameters



| Range             | Version Standard                                                                                                         |
|-------------------|--------------------------------------------------------------------------------------------------------------------------|
|                   | Ø 0.10 - 2.50 mm                                                                                                         |
| Standard Accuracy | ± 0,5 µm / Ø 0,10 - 0,30 mm<br>± 1,0 µm / Ø 0,30 - 1,00 mm<br>± 1,5 µm / Ø 1,00 - 2,00 mm<br>± 2,0 µm / Ø 2,00 - 2,50 mm |

| Range    | Version small diameters                                                                                                  |
|----------|--------------------------------------------------------------------------------------------------------------------------|
|          | Ø 0.06 - 1.70 mm                                                                                                         |
| Accuracy | ± 0,5 µm / Ø 0,06 - 0,20 mm<br>± 1,0 µm / Ø 0,20 - 0,60 mm<br>± 1,5 µm / Ø 0,60 - 1,20 mm<br>± 2,0 µm / Ø 1,20 - 1,70 mm |

| Range    | Version big diameters                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------------|
|          | Ø 0.20 - 6.00 mm                                                                                                         |
| Accuracy | ± 1,0 µm / Ø 0,20 - 0,60 mm<br>± 1,5 µm / Ø 0,60 - 2,00 mm<br>± 2,5 µm / Ø 2,00 - 4,00 mm<br>± 3,0 µm / Ø 4,00 - 6,00 mm |

| Range    | Version very big diameters                                                                                               |
|----------|--------------------------------------------------------------------------------------------------------------------------|
|          | Ø 0.30 - 8.00 mm                                                                                                         |
| Accuracy | ± 1,5 µm / Ø 0,30 - 1,00 mm<br>± 3,0 µm / Ø 1,00 - 3,00 mm<br>± 4,0 µm / Ø 3,00 - 6,00 mm<br>± 6,0 µm / Ø 6,00 - 8,00 mm |

