



The BDR-III Automatic Bubble Reader is an affordable solution for automatic counting of large numbers of detectors. The BDR-III provides bar code-ready, fully automated counting with USB camera machine vision technology that generates database compatible files in a compact, simple-to-use instrument.

To allow the user to verify the proper operation of the BDR-III, a calibration detector is provided with each reader. This calibration detector has a fixed number of bubbles and can be used to calibrate the BDR-III for measurements of BD-PND, BDTs and BDS. The number of bubbles is supplied on the system documentation. The BDR-III reader is performing within specifications if the observed bubble count is within $\pm 10\%$ of the manufacturer's count for the calibration detector.

Additional calibration detectors can be purchased separately for the BDR-III reader as required. It is recommended that the calibration detectors be replaced every 3 months (90 days) for optimum performance in terms of BDR-III system verification.

Specifications

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| Energy Range | Not applicable |
| Sensitivity | Not applicable |
| Automatic Temperature Compensation | No |
| Optimum Temperature Range | 20 - 37 °C |
| Size | 145 mm length x 19 mm diameter |
| Weight | 58 g |
| Re-use | Yes |
| Recompression Method | None |
| Warranty | 90 days from date of receipt |