



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

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