

## Technical News Bulletin

September 15, 2017

### Inspection Update: Universal Vision Mold Reader (U-VMNR)

Bucher Emhart Glass announces the release of the new Universal Vision Mold Number Reader (U-VMNR) for all FleXinspect B, FleXinspect BC, and Veritas iB machines. This new vision MNR has proven to be the most accurate and reliable device to optically read heel dot codes on glass containers

The new U-VMNR is now an available option on all new FleXinspect B and FleXinspect BC systems, and can be easily retrofitted on machines already installed in the field (see table).

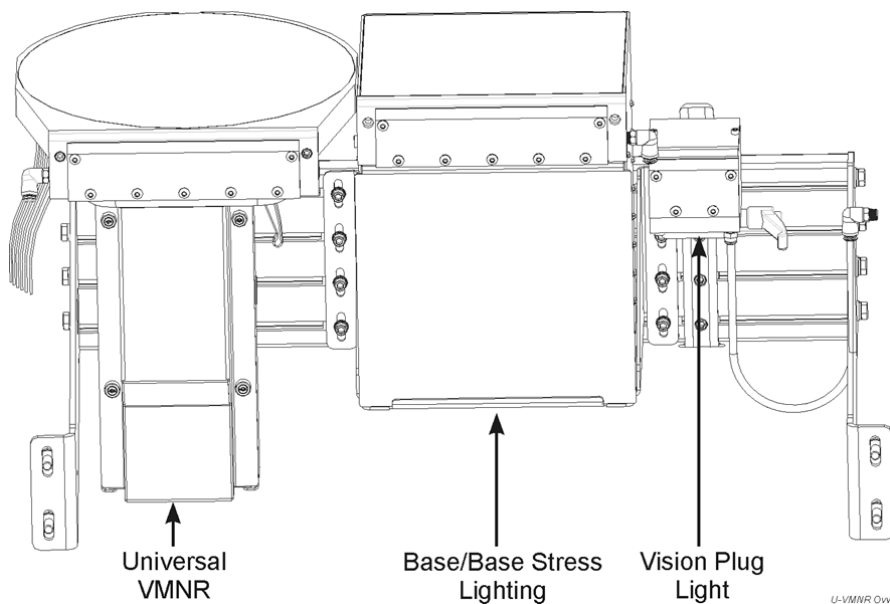
Machine type	Part number	Additional notes
FleXinspect B	28322A	None
FleXinspect BC	28686A / 28687A	Steel frame #28686A-A4 / Aluminum frame # 28687A-A4
Veritas iB	28650A	Requires the 12605D SCOUT upgrade

The U-VMNR removes the complexity and difficulty of setup during job changes by eliminating all change parts. The design of the U-VMNR, which places all optics components under the base of the container, enables the device to be less affected by the shape of the container heel and pushup or glass color. The device is also more tolerant of mold codes that are slightly outside of the size and shape specification.



**Upgrade Installation Requirements:**

- During installation, the entire light box is removed.
- The original Bottom Up Mold Number Reader (BUMNR) optics are removed and replaced with the new U-VMNR optics (which reuses the original BUMNR camera and lens).
- Base inspection, as well as the Vision Plug Inspection optics (if present), are relocated, as illustrated below.
- Approximately 2 hours of machine downtime are required to complete the upgrade.



For more information on the new U-VMNR, or to receive a quotation for a field upgrade, please contact your local Bucher Emhart Glass sales representative.