Nordson CoolWave® Systems are available with a complete range of fully interchangeable mercury and metal halide lamp alternatives, offering the ultimate performance with all material chemistries. Nordson lamps provide exceptionally good service life and consistent UV output. Lamps can be changed in a matter of minutes, and no control or other adjustments are necessary when changing from one type of Nordson microwave lamp to another of a different spectral output. Nordson will recommend the most suitable lamps and spectral outputs to match your particular curing requirements.

Iron
Frequently referred to as a “D” bulb, this lamp is rich in UVA output.

Gallium
Frequently referred to as a “V” bulb, it is a strong performer in the higher UV range. This lamp delivers excellent output in the 405nm to 420nm wavelengths.
**Mercury**
One of the most commonly used lamps and frequently referred to as “H” bulb; this lamp delivers a good broadband output across all wavelengths.

**Indium**
Frequently referred to as the “Q” bulb, this lamp delivers strong performance in the UVV wavelengths up to 450nm.

**Mercury+**
Frequently referred to as an “H+” bulb, this lamp is similar in output to the mercury bulb, but with enhanced emission in the shorter UVC wavelengths.

**Bulb Handling /Disposal**
Never touch or handle the bulb with bare hands as contaminants such as body oil can cause premature failure. Be sure to clean bulbs thoroughly with a non-residue cleaning agent such as isopropyl alcohol prior to installation. Protective gloves and eye protection is strongly recommended when handling any UV lamps. Bulbs must be disposed of properly either through your local mercury-recycling center or can be returned to Nordson to one of the locations listed on the right.