

The Stabilite 2017 System

The Stabilite® 2017 general-purpose ion laser comprises three main elements:

- Stabilite 2017 laser head
- Model 2550 power supply
- Model 2670 controller

Optional accessories for the Stabilite 2017 include:

- Model 2680 computer interface
- Extender feet (PN 0440-5710)



Figure 1-1: The Stabilite 2017 Laser System

The Laser Head

The laser head is fully described in Chapter 3. It can provide several wavelengths of laser output, depending on the plasma gas used. An Argon system can provide these single-line wavelengths:

514.5 nm	488.0 nm	465.8 nm
501.7 nm	476.5 nm	457.9 nm
496.5 nm	472.7 nm	454.5 nm

and these multiline wavelengths:

333.6–363.8 nm	457.9–514.5 nm
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A Krypton system can provide these single line wavelengths:

676.4 nm	647.1 nm
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and these multiline wavelengths:

647.1–676.4 nm
