

Spex 1682A
Broad Band Radiation Source



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The LSH-T100 and LSH-T250 lamp housings are tungsten light sources of 100 and 250 watt, respectively. Forced air cooling is provided. The lamp housing includes a focusing mirror that collects radiation from the lamp and couples it to a location outside the housing. This design allows the housing to be mounted to a spectrometer with an accessory such as a filter wheel or chopper mounted between the lamp and the spectrometer entrance slit.



LSH-T250 - Tungsten Source lamp housing, includes a 24 volt, 250 Watt tungsten halogen lamp. Requires a power supply such as the [LPS250](#)

LSH-T100 - Tungsten Source lamp housing, includes a 12 volt, 100 Watt tungsten halogen lamp. Requires a power supply such as the [LPS250](#)

1682AF - Tungsten-Halogen with deuterium or global dual light source housing for 270M, 1681, 1680, 340E and 340S monochromators. Requires 1683L lamp and LPS250 power supply and/or 1684L lamp and 1684P power supply. If using with a 270M, LMK-270 mounting kit is also required.

1682AG - Tungsten-Halogen with deuterium or global dual light source housing for 500M, 750M, 1000M, 1250M monochromators. Requires 1683L lamp and LPS250 power supply and/or 1684L lamp and 1684P power supply.

1682CF - Tungsten-Halogen light source with optical chopper for 270M, 1681, 1680, 340E and 340S monochromators. Requires 1683L lamp and LPS250 power supply.

1682CG - Tungsten-Halogen light source with optical chopper for 500M, 750M, 1000M, 1250M monochromators. Requires 1683L lamp and LPS250 power supply.

1682CG(CF)-2S - Tungsten-Halogen with deuterium or global dual light source housing with optical chopper. Requires 1683L lamp and

LPS250 power supply and/or 1684L lamp and 1684P power supply. If using with a TRIAX, LMK-270 mounting kit is also required. CG model for 500M, 750M, 1000M, 1250M monochromators. CF model for 270M, 1681, 1680, 340E and 340S monochromators.

For more information on these products we can be reached via e-mail or telephone:

Telephone (732) 494-8660 or 800-533-5946

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