

Heidelberg Replacement Lamps

Reflector Types and Wiring Configurations

All Yinfraed twin tubes can be fitted with a 23k gold reflector, white oxide reflector, or left clear to utilize a secondary reflector. The twin tubes can be made in many different configurations with respect to heated lengths, lead wire lengths, series or parallel connection. Series connection has lead wires exiting one end of the lamp and parallel connection has leads exiting both ends of the lamp.

Short-wave vs Medium-Wave Response Time

Short-wave lamps and Fast Response Medium-wave lamps typically utilize a tungsten coil which provides for instant on / off control. Standard Medium-wave lamps utilize an iron chromium aluminum coil which is a higher mass, slower response coil. This is a very cost effective alternative to the tungsten coil if response time is not critical.

Yinfraed Products LLC is dedicated to providing the highest quality twin tube quartz Infrared lamps on the market. We manufacture Medium-wave, Fast medium-wave, and Short-wave twin tube lamps in both 23mm x 11mm and 33mm x 15mm quartz. Our lamps can be made with a high-temperature white oxide reflector, high efficiency 23K gold reflector, or bare quartz.

The following list of lamps is primarily for the Heidelberg printing press industry. However, Yinfraed Products, LLC manufactures hundreds of different twin tubes that vary in length, wavelength, wattage and voltage. We manufacture replacement lamps for virtually ALL competitors including but not limited to: Tempco, Anderson Thermal, DryStar, Eltosch Graftix, Heidelberg, Helios, Italquartz, Heraeus, and Emitted Energy. Our lamps are high-quality direct replacements made to the exact OEM specifications. We consistently provide our customers significant cost savings; more importantly, we hold lamps in stock to ensure a timely delivery.

The following is a list of stock lamps commonly used in Speedmaster 74, Speedmaster 52, Speedmaster 102, Speedmaster 72, and Heidelberg XL105. If you don't see the lamp you need listed below, please call Yinfraed Products LLC with your requirements.

- Speedmaster 74
- Speedmaster 52
- Speedmaster 102
- Speedmaster 72
- Heidelberg XL105

Speedmaster 74- Yinfrared Model: YFR-1101

Short-wave, 23mm x 11mm quartz w/ gold reflector

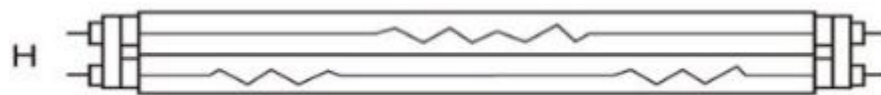
Watt 6950 , 400 Volt

900mm (35.43") OAL

Heated Channel #1: 750mm (29.52")

Heated Channel #2: 540mm (21.25")

Type H: Staggered coils, wired parallel, 500mm (19.68") leads



USED IN: Speedmaster 74(Post 98), Speedmaster CD74 (Post 98),

CD74/SM74/Man 500, Graphix Dryer Lamp #M6.170.0301/01

Speedmaster 74- Yinfrared Model: YFR-1102

Fast Medium-wave, 33mm x 15mm Quartz w/ gold reflector

4200 Watt, 480 Volt

820mm (32.20") OAL

Heated Channel #1 750mm (29.52")

Heated Channel #2: 750mm (29.52")

Type B: Full coils, wired series, 500mm (19.68") leads



USED IN: Grafix SHS Dryer (Post 97), Speedmaster 74/CD74 (Post 97),

CD74/SM74/Man 500, Grafix SHS Dryer Lamp #SM74-FMW-B

Speedmaster 52 / Moffset/ MO- Yinfrared Model: YFR-1103

Short-wave, 23mm x 11mm quartz w/ gold reflector

3300 Watt, 415 Volt

740mm (29.13") OAL

Heated Channel #1: 670mm (26.37")

Heated Channel #2: 670mm (26.37")

Type B: Full coils, wired series, 500mm (19.68") leads



USED IN: Speedmaster 52, SM52, Heidelberg MO, DryStar Dryer Lamp # G4.170.0101/
53.170.1311

Heidelberg MO- Yinfrared Model: YFR-1104

Medium-Wave, 23mm x 11mm Clear Quartz W/ Gold Reflector

1800 Watt, 415 Volt

720mm (28.34") OAL,

Heated Channel #1: 600mm (23.62")

Heated Channel #2: 600mm (23.62")

Type B: Wired series, 500mm (19.68") leads



NOTE: Hereaus #H2130001 (09757755), Speedmaster 52 W/ Grafix IR Dryer
Medium-Wave

Speedmaster 102 - Yinfrared Model: YFR-1105

Short-wave, 23mm x 11mm quartz w/ gold reflector

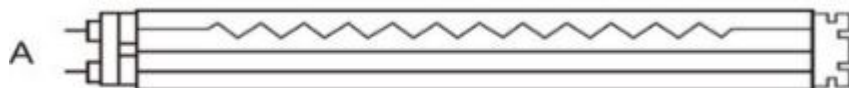
3500 Watt, 415 Volt

1100mm (43.30") OAL

Heated Channel #1. 960mm (37.79")

Heated Channel #2: none

Type A: Single barrel, wired series, 500mm (19.68") leads



USED IN: Speedmaster 102 (pre 97), Speedmaster CD102 (Pre 97), SM102, Grafix Dryer
Lamp #91.170.1311

Speedmaster 102: PRE OR POST 97 - Yinfrared Model: YFR-1106

Short-wave, 23mm x 11mm quartz w/ gold reflector

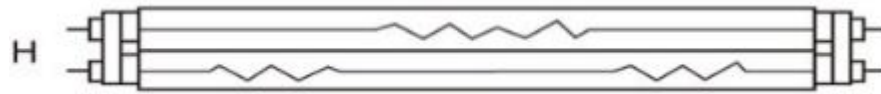
5400 Watt, 400 Volt

1200mm (47.24") OAL

Heated Channel #1: 740mm (29.13")

Heated Channel #2: 370mm (14.56")

Type H: Staggered coils, wired parallel, 500mm (19.68") leads



USED IN: Speedmaster 102 (pre 97), Speedmaster CD 102 (Pre 97), CD102/SM102, DryStar Dryer Lamp #C7.170.0301/01

Speedmaster 102- Yinfrared Model: YFR-1107

Fast Medium-wave, 33mm x 15mm quartz w/ gold reflector

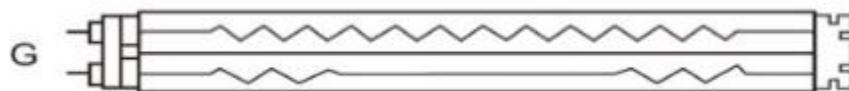
6200 Watt, 400 Volt

1160mm (45.66") OAL

Heated Channel #1: 1070mm (42.32")

Heated Channel #2: 100/50/100mm

Type G: Staggered coils, wired series, 100mm (3.93") leads



USED IN: Speedmaster XL105, DryStar 3000 Lamp #F7.170.0771, Post 1997

Speedmaster 102- Yinfrared Model: YFR-1108

Fast Medium-wave, 33mm x 15mm quartz w/ gold reflector

6000 Watt, 480 Volt

1125mm (44.29") OAL

Heated Channel #1: 1016mm (40.00")

Heated Channel #2: 1016mm (40.00")

Type B: Full coils, wired series, 482.6mm (19.00") leads



USED IN: Heidelberg SM102-FMW-B Replacement Lamp, Post 1997, Grafix SHS Dryer-Fast Medium-wave

Speedmaster 102- Yinfrared Model: YFR-1109

Standard Medium-wave, 33mm x 15mm Quartz W/ Gold Reflector

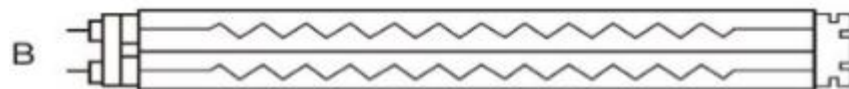
2500 Watt, 415 Volt

1100mm (43.30") OAL

Heated Channel #1: 960mm (37.79")

Heated Channel #2: 960mm (37.79")

Type B: Full coils, wired series, 500mm (19.68") leads



Note: Used in Speedmaster 102 (till mid 97), Speedmaster CD (till mid 97), MAN Roland 704. Lamp# 91.170.1411

Speedmaster 72- Yinfrared Model: YFR-1120

Short-wave, 23mm x 11mm quartz w/ gold reflector

3500 Watt, 415 Volt

800mm (31.49") OAL

Heated Channel #1: 730mm (28.74")

Heated Channel #2: 730mm (28.74")

Type B: Full coils, wired series, 500mm (19.68") leads



NOTE: Used in Speedmaster 72 (Pre 97), SM-72, Speedmaster 74 (Pre 97), Graffix Dryer.
Lamp#83.170.1311

Speedmaster 72- Yinfrared Model: YFR-1121

Standard Medium-wave, 33mm x 15mm quartz w/ gold reflector

1900 Watt, 415 Volt

800mm (31.49) OAL

Heated Channel #1: 730mm (28.74")

Heated Channel #2: 730mm (28.74")

Type B: Full coils, wired series, 500mm (19.68") left lead, 800mm (31.49") right lead



NOTE: Used in Speedmaster 72+74/ grafix dryer, 71-36-848-29, SM-72.
Lamp#83.170.1411

Heidelberg XL105- Yinfrared Model: YFR-1122

Fast medium-wave, 33mm x 15mm quartz w/ gold reflector

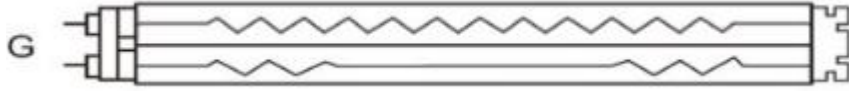
6200 Watt, 400 Volt

1160mm (45.66) OAL

Heated Channel #1: 1070mm (42.32")

Heated Channel #2: 100/50/100mm

Type G: Staggered Coils, wired series, 100mm (3.93") leads



NOTE: Used in Speedmaster 102/CD102 (post97), XL105, Drystar 3000. Lamp# F7.170.0771, Post 1997