



Fiber Optic Projector HEINE HK 4000®

Suitable for all HEINE Systems with fiber optic illumination.
Dimensions: Width 177 mm, Height 125 mm, Depth 217 mm. Weight 3,180 g.

- ∴ **Special, long-life Halogen bulb.** Up to 1,000 hours bulb-life.
- ∴ **Aspheric illumination optics.** Intense light with high colour temperature.
- ∴ **Continuous light intensity adjustment without colour temperature changes.**
Allows brightness reduction with no red shift of light.
- ∴ **Fiber Optic.** Avoids patient discomfort.
- ∴ **Folding handle.** Easy to transport.
- ∴ **For desk, wall, or floor-mounting.** Adaptable to individual needs.



F.O. Projector HK 4000

100 W spare bulb and fuse included	Y-96.15.100
Spare fuse	Y-96.15.104
XHL Halogen spare bulb 100 W	Y-96.15.103

Wall support for HK 4000 (adaptor for universal fiber optics lamp HKL included)	Y-96.15.105
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Fiber Optic Projector HEINE HK 7000®/HK 7000 D®

The F.O. Projector **HK 7000** incorporates a special long-life halogen bulb rated at 150 Watts. If more light is needed for a particular examination, a boost switch can be operated, giving up to 40% more light. Dimensions are identical to HK 4000 above.

F.O. Projector **HK 7000 D**

As HK 7000, but for dental use with a built-in yellow filter which can be selected to avoid premature hardening of composite materials.

- ∴ **Powerful Halogen bulb.** For maximum brightness.
- ∴ **Aspheric illumination optics.** Intense light with high colour temperature.
- ∴ **Continuous light intensity adjustment without colour temperature changes.**
Allows brightness reduction with no red shift of light.
- ∴ **Boost switch.** Gives up to 40% more light.
- ∴ **Extended bulb life** of up to 500 hours.
- ∴ **Folding handle.** Easy to transport.
- ∴ **For desk, wall, or floor-mounting.** Adaptable to individual needs.



F.O. Projector HK 7000/HK 7000 D

HK 7000, 150 W XHL Halogen spare bulb and fuse included	Y-96.15.121
HK 7000 D, 150 W XHL Halogen spare bulb and fuse included	Y-96.15.124
Spare fuse	Y-96.15.110
XHL Halogen spare bulb 150 W	Y-96.15.102

Wall support for HK 7000 and HK 7000 D (adaptor for universal fiber optic lamp HKL included)	Y-96.15.105
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Fiber Optic Projector HEINE XENON 1000®

The extraordinary light output of up to 125,000 lux (with, for example, the HEINE F.O. LoupeLight®) and a colour temperature of 6,000 K – close to daylight – make the XENON 1000 the light source of choice for the most demanding examination conditions. Dimensions are identical to HK 4000.

- ✦ **High-Tech 100W XENON bulb.** Close to daylight.
- ✦ **Extended bulb life** of up to 500 hours.
- ✦ **Electronic control of mains voltage.**
- ✦ **Aspheric illumination optics.** Intense light with high colour temperature.
- ✦ **Continuous light intensity adjustment without colour temperature changes.**
Allows brightness reduction with no red shift of light.
- ✦ **Folding handle.** Easy to transport.
- ✦ **For desk, wall, or floor-mounting.** Adaptable to individual needs.



F.O. Projector XENON 1000

XENON 1000, fuse included

Y-96.15.117

XHL Xenon spare bulb 100W

Y-96.15.108

Standard Fiber Optic Cable for HEINE Fiber Optic Projectors

For F.O. Projector HK 4000, HK 7000 / 7000 D and XENON 1000.
Length incl. handle: 180 cm.



- ✦ **4 mm fiber bundle of high quality.** Outstanding light transmission. Highly flexible cable.
- ✦ **Inner metal sheathing.** Resistant to kinking.
- ✦ **Smooth outer plastic sheathing.** Easy to clean.

Standard Fiber Optic cable

Y-03.99.518

Wheeled Stand

Suitable for all HEINE Fiber Optic projectors and for projectors of other manufacturers.
Dimensions: Height 900 mm, Weight 3,500 g.
Base-plate: Width 180 mm, Height 150 mm, Depth 240 mm

- ✦ **5 legs with 60 cm wide base.** Ensures stability.
- ✦ **2 wheel brakes.** Holds the stand securely in position.



Wheeled stand – without base-plate

Y-96.50.001

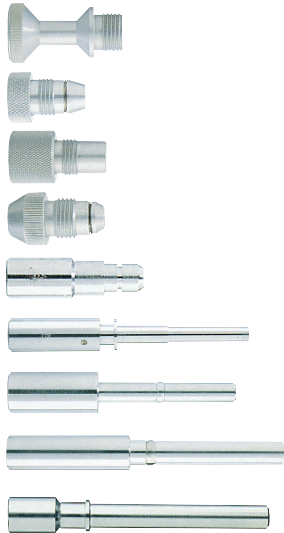
Wheeled stand – with base-plate

Y-96.50.002

230 V is the standard mains voltage. If a different voltage is required, e.g. 120 V, please specify when ordering.



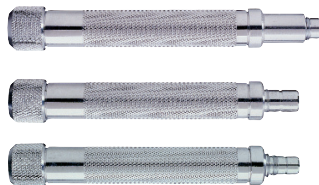
Adaptor between Projectors and F.O. Cable



Short adaptors

Projector manufacturer	F.O. cable manufacturer	F.O.
HEINE	Storz	Y-96.12.104
HEINE	Richard Wolf	Y-96.12.105
HEINE	ACMI	Y-96.12.107
HEINE	Olympus	Y-96.12.108
Richard Wolf	HEINE	Y-96.12.103
Storz	HEINE	Y-96.12.102
Olympus	HEINE	Y-96.12.106
Fuji	HEINE	Y-96.12.118
Pentax	HEINE	Y-96.12.119

Adaptor between Instrument and F.O. Cable



Adaptor handles

Instrument manufacturer	F.O. cable manufacturer	F.O.
HEINE	Winter & Ibe Storz / Olympus *	Y-96.12.115
HEINE	Richard Wolf	Y-96.12.116
HEINE	ACMI / Olympus **	Y-96.12.117

*up to 12/2003 **from 01/2004



Short adaptor

Instrument manufacturer	F.O. cable manufacturer	F.O.
HEINE	Winter & Ibe Storz / Olympus *	Y-96.12.109
HEINE	Richard Wolf	Y-96.12.111
HEINE	ACMI / Olympus **	Y-96.12.112
Winter & Ibe Storz / Olympus	HEINE	Y-96.12.113
Richard Wolf	HEINE	Y-96.12.114

Futher adaptors available on request.