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TECHNOLOGY GROUP

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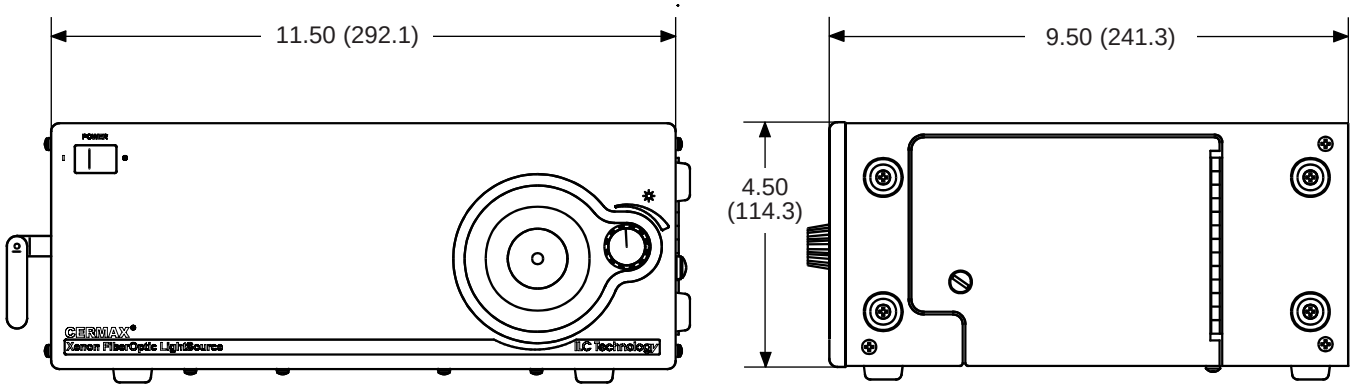
Expert team | Trust guarantee | 100% satisfaction

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CERMAX® Fiber Optic Lightsource
Model No. CXP300

Dimensions



Dimensions in parentheses are in millimeters.

Operational Specifications

Description	Nominal
Lamp Power	300 watts
Lamp Current	21 amps
Lamp Voltage	14 vdc
Input Voltage*	100-120 vac and 200-240 vac
	at 50-60 hertz
Boost Voltage	140-200 volts
Ignition Voltage	25 kilovolts
Current Leakage	< 300 microamps

*autoselect

Features

Description	Specification
Lamp	LX300F w/hot mirror
Line Cord	IEC 320
Fiber Optic Adapter	single acmi adapter
Brightness Knob	manipulates mechanical shutter
Main Power Switch	located on front panel
AC Power Connector	located on rear panel
Fuse Holder	two 5mm T8A fuses
Fan	two fans (< 54 db)
Carry Handle	located on side panel

Output Specifications

Description	Specification
thru 6mm glass rod	2800 lumens
thru 5mm liquid light guide	1410 lumens
thru 5mm glass fiberbundle	900 lumens
total output	5000 lumens
spectrum range w/hot mirror	380-720nm

Compatible ILC Equipment

Description	Part Numbers
Fiber Optic Adapters	A100LP (for liquid light guide)
	A100OP (for olympus)
	A100SP (for stortz)
	A100WP (for wolf)
Light Guides	A300LLG (liquid light guide)
Lamps	LX300F only

Other Specifications

Description	Specification
Operating Temperature	6º C to 45º C
Weight	12.5 lbs (5.7 kilograms)

Agency Approvals

Product meets VDE and FCC Class A requirements for EMI and complies with requirements of directive 73/23/EEC for low voltage products and directive 89/336/EEC for EMC and is in conformance with the following: EN61010:1993, IEC801-2:1984, IEC801-3:1984, IEC801-4:1988, IEC801-4:1988 and EN60601-102.

Notes

1. Only custom or privately labeled units are designed for medical use.
2. CERMAX lamps are safer to use than their quartz lamp equivalents. However, caution must be practiced when operating lamps because they are under high pressure, require high voltage, reach temperatures up to 200º C, and their IR and UV radiation can cause skin burns and eye damage. Read hazard sheet included with lamp shipment.
3. An operating manual is included with shipment of this unit. Consult the manual for operating instructions as well as safety warnings and hazards.

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