

Instruction for use **INTERLUX**



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1 VOLUME OF SUPPLY, PART DESCRIPTION



- 1 Casing
- 2 Polymerisation chamber
- 3 4 fluorescent lamps
- 4 Lattice switch
- 5 Lattice cable
- 6 Fuse
- 7 Switch for choosing the method of work
- 8 Start switch

Art.št. 0715

2 TECHNICAL SPECIFICATION

Size

Length:	255 mm
Width:	219 mm
Height:	100 mm
Weight:	1,77 kg

	EU	US
Voltage:	230 V	115 V
Frequency:	50 Hz	60 Hz
Taking away power:	36 W	36 W

Influence on environment

Temperature	5 °C - 40 °C
Relative air humidity	90 % at 20 °C

Plate with labels and data with specification, serial number and CE sign is on the back of the instrument.

3 INSTRUMENT DESCRIPTION

INTERLUX is universal, adjustable instrument for photopolymerisation. Area of using includes photopolymerisation of materials for modelling, lacquers and materials for faceting, which are light-consolidating in the area from 350 nm to 400 nm in normal conditions.

INTERLUX is distinguished with easy usage and practical measurements, which do not use a lot of working space.

Instrument adequate with current technical standards and considers all known safety directives. Nevertheless the danger should be taken under consideration.

Before first use these instructions should be read.

4 INSTRUCTIONS FOR SAFE WORK

For the most safe work these instructions should be taken under consideration:

INTERLUX is used exclusively for photopolymerisation of lacquers and synthetic plastic materials, which are light-consolidating. Usage for other purposes is not allowed and the manufacturer does not take any responsibility for the damage of material, instrument or teeth.

Just so the manufacturer is not responsible for the damage, made by incorrect usage of the instrument.

For safe work the Law about work protection, which is used in different countries, should be taken under consideration.

5 ELECTRIC OPERATIVE RELIABILITY

Before connecting the instrument on wire netting, check the voltage with the voltage on the plate on the back of the instrument.

The instrument is allowed to be connected only in electric source, which suits local regulations. You should also take under consideration that cable is not damaged and under burden.

While repairing and maintaining the instrument must not be connected on wire netting.

Only authorized person is allowed to repair the instrument. Interdent is not responsible for the damage, made by non-expertise repairs on the instrument.

After repairs on the electrical parts of the instrument, it should be tested again if it fits local regulations.

6 SAFETY USAGE

To prevent stagnation of overheating, there are grids on the upper side of the instrument, which have to be free during work. The instrument has to have safe distance from heating devices.

With damages, which do not assure safe work anymore, the instrument should be disconnected from wire netting and usage should be prevented, until the instrument is not flawless.

To prevent unwanted polymerisation, you should not put synthetic materials, which can be polymerised by light, in front of the instrument.

7 SETTING AND STARTING

Unpacking

When you are unpacking, you should make sure, that instrument is not damaged.

In case of damage, you should return the instrument to manufacturer with the bill and supply order, which includes serial number of the instrument.

Damages, caused by incorrect transport, should immediately be laid claim to authorized forwarding agent.

8 PLACING

The instrument should be placed on horizontal, flat and non-sliding working surface, on the distance from heating devices. You should be careful, that there is enough room for on-off switch and that grids for cooling polymerisation chamber are free.

Before first turning on, you should wait that the instrument heats on room temperature.

9 STARTING

We have to make sure that the Fluorescent bulb is undamaged. We put faultless bulb gently in the frame.

Before turning on we have to be sure, that voltage is the same as on the plate on the back of the instrument.

If voltage does not match, you must not connect the instrument.

With pushing on the switch **4** on 0, you can make sure, that the instrument is off.

Connect network cable of the instrument **5** with well installed and safe electric source.

Turn the network switch 4 with push on I – the instrument is ready.

With switch **7** you choose method of work:

- O continuous activity
- I Activity for 5 minutes
- II Activity for 10 minutes

With push on the start-button **8** the fluorescent bulbs in the polymerisation chamber will be turned on for requested duration.

Damaged fluorescent bulbs should be immediately changed. The instrument should not be operating with damaged bulbs.

In case, that one or more fluorescent bulbs do not work, or that fluorescent light does not turn off after chosen time, use the instructions in the table.

You turn of the instrument by pushing switch 4 on 0.

10 MAINTAINCE

Interlux usually does not need mintaince. For safe work you have to check before every use, that instrument does not have external damages and that network cable is faultless.

Before every use you should make sure that fluorescent lights are well installed. Broken lights should not be used.

Repairs of functional parts performs manufacturer Interdent. You can use only original fluorescent lights, according to rules of manufacturer. Interdent is not responsible for the damage, made because of using damaged parts or parts, not delivered by Interdent.

Life period of the florescent lights is aprox. 1000 hours and it has to be changed as soon as polymerisation time is longer than needed.

For changing used bulb gently pull the bulb out of the frame and with gentle push insert the new one.

11 CLEANING AND CARE

Before each cleaning the instrument should be turned off.

You should be careful that there are not any leftovers of materials in the polymerisation chamber. It is recommended, that you clean the leftovers with dry paper towel.

You should not put any liquids in the casing interior.

Interior and exterior of casing can be cleaned with moisture mop. Alcohol or cleansers can damage the surface of casing.

Cleaning and care has to be made only by qualified staff.

12 DISTURBANCES AND THEIR RESOLVING

Disturbance	Probable cause	Measure
The instrument does not start	The instrument is not plugged in	Plug the instrument in the correct source
	Cable is not put in correct	Check the cable
	Disturbance on electrical parts	Put the instrument off the wire netting, put it on again, call maintenance
	Overburn fuse	Put the instrument off the wire netting, set the fuse, reconnect, call maintenance
One or more hose does not shine	Hoses are not inserted correctly	Check hoses and insert them correctly
	Damaged hose	Insert new hoses
Polymerisation takes too long and is not satisfactory	Intensity of the light eased (>1000)	Disconnect the instrument and insert new hoses.

The instrument should be transported only in the original package.

13 CONSUMER DURABLES, PARTS AND SUPPLEMENTS

You can order material from the table at the Interdent or at authorised agents.

Supplements/consumer durables

Art.N°.	Article
1450-10	Fluorescent bulb 350 - 400 nm, 9 W

14 DECLARATION OF CONFORMITY

Instrument

INTERLUX

Article REF.: 0175

from

INTERDENT d.o.o.

Opekarniška cesta 26

SI – 3000 CELJE

Was developed, constructed and made in accordance with following demands:

- EU-directive for instruments 98/37/EU,
- EU-directive for low voltage 73/23/EWG
changed in 93/68/EWG in

We used the following harmonic standards:

- IEC 60204-1
- EN 60598-1
- EN 60335-2-27



15 WARRANTY FOR PRODUCT REF.: 0715

Product:

Serial number.

Date of sale:

Signature of the seller:

Warranty declaration:

- The product will work flawless during the warranty period if being administered in accordance with its purpose and the instructions provided;
- Warranty period expires after 12 months from purchase day. At your request we will repair failure or defects on the product, if you will report it within the warranty period. Failure will be resolved free of charge within 45 days from the date of failure report. The product, which will not be repaired within this deadline, will be, at your request, replaced with a new one. We will extend the warranty period for the time the product was being repaired..
- Validity of the warranty should be proofed by certified warranty card and original invoice.

The warranty is voided:

- If an unauthorized person interferes into the device
- If provided instructions for use are not being considered
- If the device is being mechanically injured
- If the unoriginal spare parts are being build in