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Classification of the Equipment

- According to the type of protection against electric shock:
INTERNALLY POWERED EQUIPMENT
- According to the degree of protection against electric shock:
TYPE B APPLIED PART
- According to the degree of protection against ingress of water:
IPX0 – ordinary equipment
- According to the degree of safety of application in the presence of flammable anesthetic mixture with air or with oxygen or nitrous oxide:
Category APG equipment
- According to the mode of operation:
SHORT-TIME OPERATION. Operation time - 5 minutes



Technical Specifications

Power Supply
Switching AC/DC power adapter: GFP051T-0505 (for Europe),
GFP051U-0505 (for North America) limited power source

I/P: AC 100-240V 50/60Hz 0.2A
O/P: DC 5V 0.5A

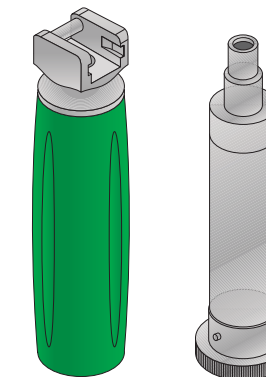
Tru-LED™ handles are compatible with ISO 7376-3 international standard.

Li-ion rechargeable Battery, 3.7V, with PCM (Protection Circuit Module) and Recharge module

White LED - Voltage 3.7V, Current 20mA, Diameter 5 mm



'Maintenance Free' Green System Laryngoscope Handles with LED light source, Rechargeable Battery and Power Supply



INSTRUCTIONS FOR USE

with Technical Description

Read carefully, follow instructions
and save for future reference.

Manufactured by: Truphatek International Ltd.
P.O.Box 8051, Netanya, Israel 42504, Tel: +972-9-8851155





‘Maintenance – Free’ Green System Rechargeable Laryngoscope
Handles with LED light source

Each Tru-LED™ set contains:

- Laryngoscope Handle with LED light source (Standard or Paediatric size)
- Rechargeable Battery cartridge
- Power Supply

Safety standards:

- Unit is certified as a medical system according to EN 60601-1, EN 60601-1-1 & ITE 60950-1 (European) and UL 60601-1, IEC 60601-1-1 & UL 60950-1 (USA)
- Handle is intended for use within the patient environment whereas power supply is not intended for use within the patient environment.



‘Maintenance – Free’ Green System Rechargeable Laryngoscope
Handles with LED light source

Instructions for Use

The Tru-LED™ handles are designed exclusively for charging with Tru-LED™ Lithium Ion Rechargeable batteries.

Connect the power supply directly into the bottom end of the inner cartridge.

Plug the power supply into the main electrical supply source.

- Red LED at bottom indicates that the battery is charging.
- Green LED indicates that charging is completed and the Tru-LED™ handle is ready for use.
- Flashing red LED indicates a fault. Contact your local dealer for replacement battery or regarding repair of the unit.

Care and maintenance

- Remove inner battery cartridge.
- Battery cartridge can be wiped with a dry cloth. Take care not to scratch protective glass covering the LED.
- Outer sleeve may be cleaned, disinfected and sterilized using cold disinfection solutions, Thermal Disinfectors, Steris®, Sterrad®, ETO and steam autoclave procedures.



How many hours can I use the Tru-LED™ without recharging the battery?

No less than 10 hours of continuous use.

What is the life span of the LED?

Under optimal conditions, an LED has over 50,000 hours of use. Truphatek guarantees the LED for 5 years from date of manufacture.

What is the life span of the Lithium Ion Battery?

Over 300 full cycles. One cycle is from a completely empty battery to a fully charged battery.

In addition, the battery is guaranteed for 5 years (see Truphatek’s Warranty Statement at www.truphatek.com).

By using LED as the light source instead of Xenon bulb, what has my hospital saved?

The cost of dozens of expensive Xenon bulbs. And, in addition, you’ll be saving all the fuss and bother of replacing bulbs.

By using rechargeable batteries instead of alkaline batteries, what has my hospital saved?

An average hospital disposes of hundreds of batteries which you will now be saving. And besides, you’ll be protecting our environment by decreasing the number of batteries to be disposed.

How can I clean the Tru-LED handle?

The outer sleeve of the handle is made of either aluminum or silicon padding. When the outer sleeve is separated from the inner cartridge, it is completely autoclave-able. The inner cartridge containing the rechargeable battery should be wiped down gently with a dry cloth, taking care not to scratch the glass protecting the LED at the top of the cartridge



Care and Safety information

Protect from direct contact with water and fire.

Do not open or tamper with the charger end of the cartridge or the power supply unit.

Lithium-Ion Rechargeable Batteries in Cartridge

Care and handling

Store in cool, dry conditions at temperatures between 0°C - 45°C. Cartridge stored unused for 6 months or more will require re-charging.

Safety information

- Do not disassemble.
- Do not short-circuit the battery terminals.
- Do not expose the battery to water or fire.
- Do not incinerate.
- Recycle expended batteries.

Safety Instructions for Medical Equipment

Environmental Conditions for Transport and Storage

Ambient temperature range: 0-45°C

Relative humidity range: 30-95%

Atmospheric pressure range: 700-1060 hPa

