

ELLTEC

Enteral Nutrition Warmer

LIFORT^{LT-1}

A new management system of enteral nutrition to patients in post operative recovery.

Live
Comfort



Simple
Silent

Enteral Nutrition Warmer

LIFORT

For nutritive control of post operative patients, the **LIFORT** Enteral Nutrition Warmer for the management and control of enteral nutritives. The ordinary method inflicts pain on the patients, as it often causes diarrhea. The **LIFORT** has been developed to reduce patient's discomfort usually associated with administration of enteral nutrition. Besides, **LIFORT** helps the nurses relieve their heavy burdens of the patient's care and nutritive control.



PROBLEMS IN ORDINARY METHOD OF ADMINISTRATION OF ENTERAL NUTRITION REAGENT

1. As the enteral nutrition is stored in refrigerators or at room temperature, when administrated at low temperature, a patient is likely to have diarrhea.
2. Nutrition powder is dissolved in hot water and warmed. But it takes long time and trouble to prepare hot water and control the warming temperature.
3. Microorganism may grow in the nutrition left at room temperature for a long time.
4. Nutrition gets cold during the administration.

SAFETY MECHANISM

1. Temperature sensors control the temperature of the heating plate and fluid to prevent overheating.
2. Temperature fuse shuts off the power supply, in case all sensors do not work.
3. Waterdrop proof design eliminates the worry of short circuit.

ADVANTAGES OF USING LIFORT

1. **LIFORT** warms the fluid to a level which slightly exceeds patient's body temperature to lessen the risk of causing diarrhea.
2. **LIFORT** aids in dissolving the reagent.
3. **LIFORT** automatically controls the heating in order to deliver the enteral nourishment at suitable temperature.
4. **LIFORT** starts heating the fluid as quickly as 2 or 3 minutes after it has been switched on.
5. No worry about getting cold of nutrition, as it is warmed nearby the patient.
6. Easy handling due to compact design.
7. Easy operation for setting the tube in **LIFORT** and just depress ON/OFF switch.

* No special tube is necessary for **LIFORT**

WARMING PERFORMANCE OF LIFORT

Heat is conducted from the groove of the heating plate to the fluid inside the tube. The temperature of the heating plate is always controlled at 46°C by the sensors so that the fluid is warmed at suitable temperature (approximately 34–41°C).

COMMON APPLICATIONS AND PATIENT PROFILES FOR ENTERAL NUTRITION WARMING

Inadequate Caloric Intake and Obstructed Consumption

Impaired passage from upper digestive tract, Impaired consciousness, Post-operation, Terminal cancer, etc.

Applications where enteral nutrition is appropriate
Upper digestive tract hemorrhage, etc.

Inflammatory Bowel Disease

Crohn's Disease(CD), Ulcerative Colitis (UC), etc.

Hepatic and Renal Disease

Hepatopathy, Renal failure, etc.

Respiratory insufficiency syndrome

Short-bowel syndrome, Radiation enteritis, CP, etc.

Others

Management of large intestine pre-operation, Protein diapedesis gastroenteritis, etc.

SPECIFICATIONS

Model	LT-1-5A [LT-1-5B]
Tube Size	4.1–5.0mm φ
Flow Rate	0–7ml/min
Power Requirements	230V~, 50/60Hz, 60W/hr [115V~, 50/60Hz, 100W/hr]
Classification	Class I Equipment
Applied Part Type	Type BF
Heat Exchange	Dry Heat Exchange
Operating Condition	0–40°C 30–95%RH Non condensing
Body Dimension	176(L)×65(W)×37(H)[mm]
Weight	560g

specifications subject to change without notice.

For further information, please contact our distributor or Elltec on E-mail: international@elltec.co.jp

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