

Handheld cryosurgical unit with vacuum insulation and operating on liquid nitrogen

Cryolney® 400 is designed to destroy pathologically altered tissues by their local freezing using a cryoapplicator cooled with liquid nitrogen.



Benefits of Cryosurgery

- * Cosmetic effect
- * Analgesic effect
- * Regenerative effect
- * Antiseptic effect
- * Hemostatic effect
- * Immunostimulating effect

Application:

- * Gynecology (CI-401)
- * Dermatology (CI-402)
- * General Surgery (CI-401, CI-402)
- * ENT (CI-403)
- * Arthroscopy (CI-404)

Cryolney® is simple, convenient, safe to use, and is used both in hospital and ambulatory settings.

Cryolney® is possessed of:
Registration Certificate # ФCP 2009/04738
issued by Roszdravnadzor, Russia

Declaration of Conformity
GOST R POCC RU. AB51. D00496

Made in Russia



Basic kit

- Cryosurgical unit
- Set of cryoapplicators
- Passport and operation manual

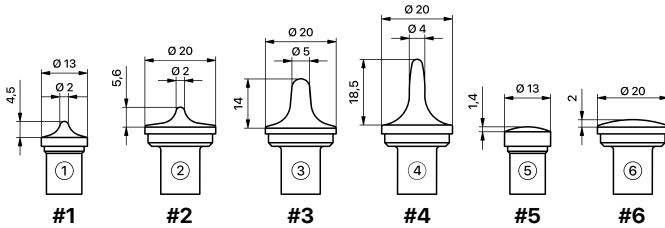
Option

- Dewar vessel
- Withdrawal device
- Roller base for Dewar vessel

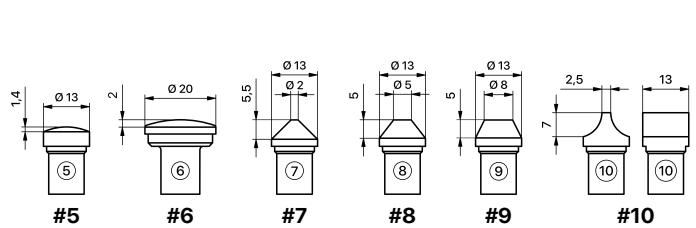
Specifications

- Cryoagent liquid nitrogen
- Minimum cryoapplicator temperature -170°C
- Unit capacity 450 ml
- Unit height 295 mm
- CI-401 length 280 mm
- CI-402 length 165 mm
- CI-401 weight 950 g
- CI-402 weight 850 g
- Power supply not required

Cryoapplicators for Gynecology



Cryoapplicators for Dermatology



Additional options for convenient and safe operation

Dewar Vessel L2012 (France)



Dewar aluminum vessel with fiberglass neck and screen-vacuum insulation for storage and transportation of liquid nitrogen. This design allows you to achieve very good characteristics: minimal losses of liquid nitrogen and long storage time. These vessels are lightweight, durable and easy to operate, and designed for laboratory and industrial use. Vessels can be equipped with a mechanical withdrawal device.

Withdrawal device PU-512-25



PU-512-25 is a non-electric withdrawal device for quick and convenient filling of the Cryolney 400 unit with liquid nitrogen from Dewar vessel L2012.

PU-512-25 allows to:

- minimize losses of liquid nitrogen during refueling;
- prevent contact the operator with liquid nitrogen;
- reduce refueling time;
- eliminate need to turn over the vessel.

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| Net capacity | 12.4 l |
| Neck diameter | 50 mm |
| Overall height of a vessel | 600 mm |
| Interior height | 526 mm |
| Outer diameter of a vessel | 310 mm |
| Empty weight | 8.1 kg |
| Full weight | 18.1 kg |
| Liquid nitrogen losses due to evaporation | 0.14 l/day |
| Maximum working pressure | 0.5 bar |

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| Withdrawing speed of liquid nitrogen | ≈ 1 l/min |
| Operating pressure | 0.4 bar |
| Weight | 0.6 kg |

When applicable you can order Dewar vessels of other typical sizes, with capacity of 2 up to 100 liters.