



CO₂ Surgical Laser

CTL 1401 - Azuryt

10600nm - 30W + 635nm - 5mW

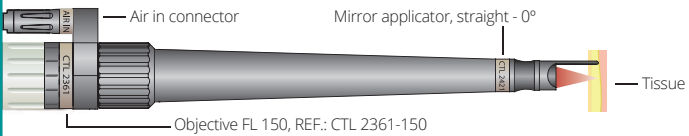


New!



Seven-mirror articulated arm of laser beam
REF.:CTL 2454

Microsurgical handpiece probe with objective FL 150 - REF.: CTL 2353-150



Exchangeable mirror applicators for surgery

Mirror applicator, straight - 0°



REF.: CTL 2421-0401-125/00

Mirror applicator, angled - 30°



REF.: CTL 2422-0401-125/30

Mirror applicator, angled - 45°



REF.: CTL 2423-0401-125/45

Medical and Dental fields of application

- Gynaecology
- Proctology - Urology
- Dentistry
- Laryngology
- Paediatrics
- Dermatology - Cosmetology
- Oncology, General surgery
- Aesthetic surgery
- Ophthalmology,
- Orthopaedics
- Veterinary

ISO 9001 • CE • ISO 13485

REF.: CTL 1401-1060-30.0 + 0635-.005.23b.TT.GYN

VER: E1.2-16.EN.23b.GYN

Basic functional advantages

- Non-contact, bloodless surgeries with clear view of operative field
- Precise control of surgery
- Minimal post operative oedema
- Quick wound healing
- Maximum patient and doctor comfort
- Easy replacement of applicators
- Wide range of treatment accessories
- Efficient and light
- The highest quality and reliability
- Colour touch screen
- User identification by personal PIN code
- Easy-to-use, intuitive interface
- Interface switching on by identification PIN code card
- Radiation generation activated by foot switch or touch screen
- External, integrated power meter
- Modern design
- 2 years warranty !

CTL 1401- Azuryt Laser

Examples of surgical applications

Dermatology - Der

epidermal naevus, condyloma acuminata, ingrownig nails, papilloma, common, peri-ungual, plantar warts, naevus, haemangioma, granulomas, fibromas, keloids, hidradenoma, sebaceous adenoma, cysts, chicken-pox and acne scars, others

Gynaecology - Gyn

genital warts, condyloma acuminata, cysts, leucoplakia, uterine, vulvar or vaginal dysplasia, cervical polyps, intraepithelial neoplasia, others

Otolaryngology - ENT

tumours of tongue, palate, larynx, epiglottic tumours, cysts, fibromas, granulomas, papillomas, respiratory tract papillomatosis, others

Dentistry - Den

frenulectomy (of tongue, upper lip and lower lip frenulum), vestibuloplasty, aphthous ulcers and oral thrush, gingival hypertrophy, preparation of pre-prosthetic area, benign lesions and tumors removal, coagulation in grafting sites, others

Proctology - Proc

rectal polyp, hemorrhoidectomy, anal fissure, carcinoma of rectum, villous adenoma

Pediatrics - Ped

ingrowing toe nails, plantar warts

Aesthetic surgery

dermabrasion for post acne scars and superficial wrinkles, hair transplantation, excision of basal cell carcinoma, vaporisation of rhinophyma, tattoo removal, others

Basic technical-usage parameters	Surgical Laser CO ₂ - 10600	Aiming Laser - 635
Laser type	CO ₂ gas laser	diode
Wavelength	10600nm	635nm
Max. output power	30W	5mW
Operation mode	continuous (c.w.) or pulsed mode (p.m.) or super pulsed mode (s.p.)	continuous (c.w.)
Continuous mode (c.w.)		
Max. output power - P _{c.w.}	30W, regulated from 0,5W to 30W with step 1W	5mW, regulated from 0mW to 5mW with step 1mW
Pulsed mode (p.m.)		
Max. pulse power - P _p	40W, regulated from 0,5W to 40W c 1W	
Min. pulse time - T _w	1ms, regulated to 2s with step 1ms	
Max. pulse frequency - f	100Hz, regulated from 5Hz to 100Hz with step 1Hz	
Super pulsed mode (s.p.)		
Max. pulse power - P _{s.p.}	90W, regulated from 10W to 90W with step 5W	
Min. pulse time - T _w	20µs, regulated from 20µs	
Max. pulse frequency - f	5000Hz, regulated from 100Hz to 5000Hz with step 100Hz	
Average power - P _{av}	30W	
Beam delivery system	7-mirrors articulated arm	
Display / Keyboard	colour, LCD - TFT, touch-T	
Power supply / Power consumption	(90 - 260) VAC +10%, (50-60)Hz / <600W	
Switching control	by footswitch or button START on LCD screen	
Safety class	class 4 laser safety, class I type B electrical safety	
Dimensions / Weight	230mm x 300mm x 925mm (W x D x H) / ~25kg	
REference number	CTL 1401-1060-30.0+0635-.005.23x.TT.DER (x=b=beige; r=red; bl=blue)	