

CHAXU[®] (CX-3)

MICRO INCISION CATARACT SURGERY SYSTEM



MEDISONIC EQUIPMENTS PVT. LTD.

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MFG : PHACOEMULSIFICATION SYSTEM, OPHTHALMIC EQUIPMENTS

MKT BY:



CHAXU[®] (CX-3) Specifications

Irrigation

- Gravitational. Regulated by bottle height from 30 to 90 cm,

Aspiration

- Peristaltic pump
- Vacuum 5-600 mmHg in 5 mmHg increments
- Pump flow 1-50 cc/min in 1 cc/min increments
- Linear and panel mode for vacuum and aspiration
- Audio feedback for irrigation, aspiration and occlusion

Phacoemulsification

- Frequency 29 KHz
- Four crystal titanium handpiece
- Stroke length 100 micron max.
- Phaco power 5-100% in 5% increments
- Monitors effective phaco time
- Independently adjustable vacuum and flow limits
- Phaco modes : Linear, Pulse, Auto Pulse, Micro Pulse(1-100 pulses / second, 10-90% duty cycle), Hyper Burst (4-600ms burst width), Auto Burst and Panel Phaco power

Diathermy

- Bipolar wet-field coagulation
- Operating frequency 1.00 MHz
- Electrical power 10 W at 100 E
- Diathermy power 5-100 % in 5% increments
- Linear and panel power
- Output short circuit protected

Vitrectomy

- Pneumatically driven guillotine type
- 60 to 1200 cuts/min in 60 curs/min increments
- Linear and panel cutting modes
- Independently adjustable vacuum and flow limits

General

- Dimensions (W x H x D) 200 x 250 x 180 mm
- Console weight 4 Kg approx.
- Foot pedal weight 2.7 Kg approx.
- Supply voltage 90 - 265 VAC. 50-60 Hz
- Power consumption 90 W max

CHAXU[®] (CX-3) Features

- World's Most Compact & Advanced
- Micro Incision Cataract Surgery System
- 7.0" TFT Display with Touch Screen
- User Friendly Controls, Easy to Operate
- Adjustable Pulse Width Enables Cold Phaco
- Light Weight Four Crystal Titanium Phaco Handpiece
- Multi Functional Foot Pedal
- Software Controlled Surge Suppression System
- Custom Programs up to 15 Users
- Prompt Voice Feedback