



# CG SONIC



**PHACO**



Multi functional foot pedal

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## Advanced Portable Phacoemulsifier system



### Features

- 8.4" Large Colour Display
- User friendly easy to operate touch screen
- Advanced Phaco modes
- Sturdy and dependable,
- Small, light weight easy to carry
- Low cost consumables and can be autoclaved for repeated use.
- Multi functional foot pedal.



### Specifications

**Display** : 8.4 inch large color TFT LCD

**User Inputs** : Touch Screen and Foot Pedal

#### Irrigation and Aspiration:

**Irrigation** : Gravity fed, foot pedal control  
**Vacuum level** : 0 to 500 mmHg, in 5 mmHg increments  
**Pump Flow** : 0 to 40 cc/min, in 2 cc increments  
**Vacuum Mode** : Choice of Linear or Nonlinear  
Instantaneous vacuum release to 0 mm Hg through air venting  
Fast responsiveness PWM Piezoelectric pump control  
**Feed back** : Proportional Audio signal for Irrigation, vacuum mixing and Occlusion

#### Phacoemulsification

**Phaco Power** : 0 to 100%, in 1% increments  
**Phaco Vacuum level** : Independently adjustable maximum vacuum level (0-500mmHg) and flow rate setting (0-40ml/min)  
**Phaco time** : Monitors Effective and Elapsed time  
**Power Delivery Control** : choice of Linear or Nonlinear  
**Power Delivery Mode** : Continuous, Pulse, Single Burst, Linear Burst, Occu Pulse, Cold Phaco  
**Phaco Mode** : Choice of three programmable phaco modes with independently adjustable vacuum and flow rate  
**Hand Phaco** : 4crystal, 40 KHz Frequency

#### Vibrotamp:

**Cut Rate** : 68 to 960 cuts per minute, Quilts via vibrotactile cutter  
**Control** : Choice of cutting or no cutting

#### Diathermy:

**Power Adjustment** : 10% to 100%, in 10% increments  
**Diathermy Power** : 12 Watts  
**Frequency** : 508 kHz  
**Connector** : Universal BS-5

**Foot pedal** : Sargen method switchover up and down  
: Micro Reflex  
: Power delivery method Switchover

#### Electrical Specifications:

**Supply Voltage** : Universal Input Power 80VAC - 280VAC  
**Frequency** : 48 Hz to 65 Hz

#### Console:

**Width** : 240 mm  
**Depth** : 380 mm  
**Height** : 350 mm  
**Weight** : 9 lbs (4kg)