



# Hilger DUAL-Stim

## Nerve Stimulator

The Hilger Dual-Stim is a robust, dual duty stimulator for the prognosis of facial palsies and for surgical stimulation of motor nerves.

Surgical indication for nerve stimulation include surgeries of the temporal bone and some extracranial procedures.

- Mastoidectomies
- Myringoplasties
- Tympanoplasties
- Parotidectomies

Made from high quality and durable components, the Hilger Dual-Stim will be the once-in-a-practice purchase you will depend on time after time.



### From the Operating Room...

Feel confident in knowing that the nerve is intact prior to closing, with the Hilger Dual-Stim nerve stimulator. Choose a re-usable or disposable probe for constant current stimulation.

Battery operated and pole mounted for placement anywhere in the room, this stimulator will be the workhorse you have come to expect from the WR Medical family. Precise levels of digitally controlled current will be delivered every time you turn it on.



### to the Office....

For prognosis of facial palsies, the Hilger Nerve Stimulator has been the standard of patient care for over 25 years. Nerve Excitability Testing, Maximal Stimulation Testing, and Visual ENOG can be performed in minutes, giving your patients confidence and peace of mind.





The **Remote Probe** is re-usable, and features buttons on the hand-piece, allowing the surgeon to control precise current output.



The **Monopolar Disposable Probe** is an excellent option for busy ORs with limited time to sterilize instruments between cases.



The **Bipolar Clinical Probe** is adjustable and able to be used on all branches of the facial nerve.



**Pole Mounted** and battery operated, allowing placement within easy reach of operating field and physician line of sight.

*Easy to Use*

*Inexpensive to Operate*

*Reliable*

*Robust*

### TECHNICAL SPECIFICATIONS

- **Current output:** 0.0 to 10.0 milliamperes (mA) measured across a 1K + 1% resistive load. Tolerance at 0.0 indicated, with a residual current of 0.05 mA, is +0.005A. Tolerance at 10 mA is +0.4 mA

	<b>Clinical mode</b>	<b>Surgical mode</b>
• <b>Pulse width:</b>	0.0006 seconds ±20 microseconds	0.0002 seconds ±20 microseconds
• <b>Pulse time off:</b>	0.1666 seconds	0.1998 seconds
• <b>Pulse frequency:</b>	0.1666 seconds ±5 milliseconds	0.200 seconds ±5 milliseconds
• <b>Hertz:</b>	6	5
• <b>Dial accuracy:</b>	linear down to 0.15 mA, residual current of 0.05 at 0.0 indicated.	
• <b>Batteries:</b>	Four 1.5 volt alkaline C Cells	
• <b>Battery life:</b>	100 hours continuous use between replacement.	
• <b>Size:</b>	8.5 x 9 x 3 inches (21.6 x 22.8 x 7.6 cm)	
• <b>Weight:</b>	3.6 lbs (with pole clamp) (1.6 kg)	

**For more information on this product, please contact:**

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