

Tornado Specifications

Control Unit	
Display:	4.3" colour TFT Display
User Interface:	Touch Screen
Self Diagnosis:	The console unit should self diagnose itself when it is switched ON
Power Supply:	90-240 V, 50 Hz
Handpiece	
Design:	The handpiece should be ergonomic and easy to handle
Motor type:	Motor should be Brush Less Direct Current (BLDC) type for maximum torque and reliability
Speed:	10,000 - 80,000 rpm
Sterilisation:	The handpiece should sustain autoclave. The cables and connectors should be autoclavable.
Attachment Fitment:	The attachment fitment should be quick coupling type Acceleration the time required to reach 0 to max speed should be less than 0.3 sec
Cut off time:	The cut off time from max speed to 0 should be less than 0.3 sec
Footswitch	
Foot Switch should be linear to adjust the exact required RPM during surgery	

Foot Switch

Best-in-class Analog Variable Foot Switch for increased precision



IMSN10020000

Angled and Straight Attachments

Ergonomically designed and lightweight for superior control



Straight Attachments		Angled Attachments	
Stem Length (mm)	Part Code	Stem Length (mm)	Part Code
125	Attachment 1: IMSN10060000	125	Attachment 1: IMSN10040000
90	Attachment 2: IMSN10070000	90	Attachment 2: IMSN10050000

Diamond and Cutting Burrs

Wide range of diamond and cutting burrs with diameters ranging from 3mm - 5 mm.



	Length (mm)	Diameter 1	Diameter 2	Diameter 3	Diameter 4	Diameter 5
Cutting Burr	125	3.1mm	3.5mm	4mm	4.5mm	
		IMSN10051031	IMSN10051035	IMSN10051040	IMSN10051045	
Diamond Burr	125	3.1mm	3.5mm	4mm	4.5mm	5mm
		IMSN10052031	IMSN10052035	IMSN10052040	IMSN10052045	IMSN10052050

INDIA'S LEADER IN ELECTRO-MEDICAL DEVICES



State-of-the-art High Speed Surgical Drill System

The surgeon's best friend

Tornado is a high precision, high speed neuro burr system designed to help neuro and spine surgeons operate with higher efficiency and accuracy. Developed by India's leader in electro-medical devices, Tornado delivers unmatched performance and reliability at par with the best in the world.

USFDA Registration in progress

CDSO registration in progress



IMSN10010000

Advanced features

- High Speed Motor: Upto 80,000 RPM
- Peerless Precision: Easy-to-use Touchscreen Controls
- Trusted Performance: No excessive heat, vibrations or noise
- Lowest Shut Off Time for enhanced safety (Max RPM to stand still)
- Ideal for Neuro & Spinal Surgeries



IMSN10070000



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