

T-Scan® Novus™ Handpiece

The T-Scan® Novus™ Handpiece is the latest edition of electronics for the T-Scan system. This handheld device is used to capture and transfer data from the T-Scan sensor to the software interface. Plugging into any USB port, the Novus Handpiece can be set up on the fly, streamlining operator workflow. The all-new ergonomic handpiece comes with newly designed sensor supports and sensors. Supports are loaded into the handpiece. Sensors slide into the supports, then are locked in place with a latch that slides into a locked position. Easy-access buttons give clinicians the ability to adjust the sensitivity output of the sensor chairside, and create bite recordings without leaving the patient's side. Able to support scan rates up to 500 Hz, the Novus can capture up to 685,000 contact points per second, creating a high resolution, accurate representation of the patient's bite over the entire closure sequence.



FEATURES

- Lightweight, ergonomic design
- Plugs into any USB port
- Button for new scan and record start/stop
- Easy-to-slide latch to lock in sensor
- Power On, Sensor OK, and Recording indicators
- Sensor recording indicator

Specifications

Connection Type	USB 2.0 Standard Type A
CPU Architecture compatibility	64 bit
Cable length	3 m (10 ft)
Standard Scan Speed	175 Hz
Turbo Scan Speed	Up to 500 Hz (Turbo mode)
Power Source	Host computer's USB bus
Power Consumption	200 mA (max) at 5VDC
Dimensions	183 x 57 x 31 mm (7.2 x 2.3 x 1.2 in)
Weight	0.23 kg (0.5 lb)

NEW

ACCESSORIES

Novus T-Scan Sensors – wafer-thin, high resolution sensor that measures relative intraoral force between the maxilla and mandible.

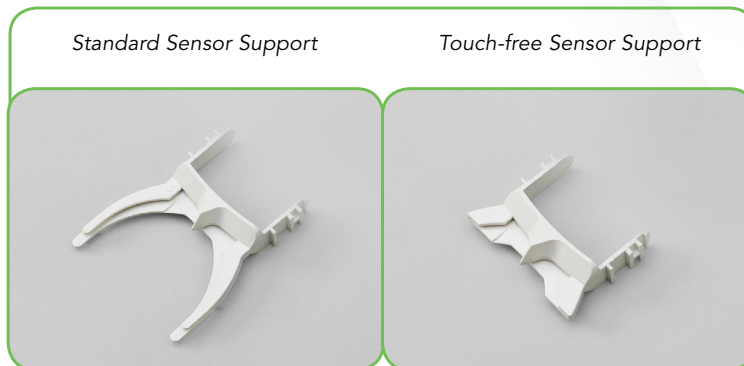
- 0.1 mm thin
- Reusable on a single patient
- Available in large and small sizes

See T-Scan Sensor data sheet for more information.



Novus Sensor Supports – easy to insert, the resin based support guides sensors during insertion into the Novus Handpiece and provides direction for proper placement in the patient's mouth. It supports and stabilizes the sensor during occlusal bite force readings.

- Sensor Support Position Guide directs accurate placement between central incisors
- Autoclavable for easy disinfection
- Available in large and small sizes to match sensor
- Novus Touch-free Sensor Supports – designed to minimize contact with a patient's buccal mucosa for neuromuscular occlusal diagnosis. These supports have a reduced tine length and support both large and small sized sensors.



	Standard Support		Touch-free Support
	Small	Large	Universal Size
Material	Polysulfone (no latex)	Polysulfone (no latex)	Polysulfone (no latex)
Overall width	69.6 mm (2.74 in)	76.7 mm (3.02 in)	66.3 mm (2.61 in)
Overall length	91.4 mm (3.60 in)	97.5 mm (3.84 in)	53.8 mm (2.12 in)
Length: handpiece to end of tine	58.7 mm (2.31 in)	64.8 mm (2.55 in)	22.3 mm (0.88 in)
Length: handpiece to end of position guide	16.8 mm (0.66 in)	18.3 mm (0.72 in)	18.3 mm (0.72 in)



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