

3-step procedure

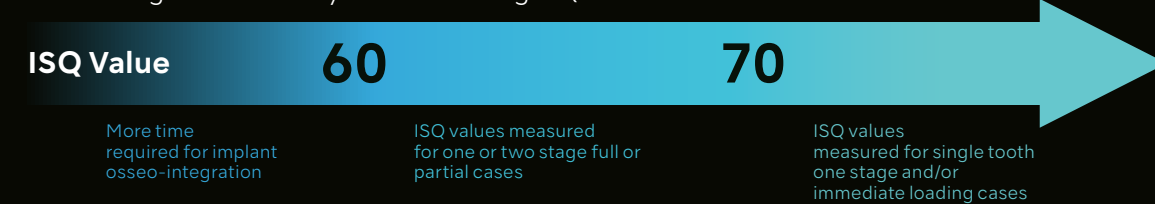


1. The Multipeg™ is attached to the implant. It screws effortlessly into the implant's internal threads. (approximately 6-8 Ncm of torque).
2. Just aim for the magnet on top of the Multipeg™. Non-invasive, objective, accurate and repeatable. The peg is excited by magnetic pulses and vibrates due to the stiffness in the contact area between the bone and the implant surface.
3. An ISQ value is generated and shown on the display. This reflects the level of stability on the universal ISQ scale – from 1 to 99. The higher the ISQ value, the more stable the implant.

About ISQ

The below is not a clinical recommendation from NSK.

Decreasing micro mobility with increasing ISQ values



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4. Serge Baltayan, Joan Pi-Anfruns, Tara Aghaloo, Peter Moy. *J Oral Maxillofac Surg* 74:1145-1152, 2016
5. P O Östman, Private practitioner, Falun- and Biomaterial Group, Sahlgrenska Academy Gothenburg. *Clinical Implant Dentistry and Related Research*, Volume 7, Supplement 1, 2015
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NSK
CREATE IT.



Osseointegration Monitoring Device

Osseo 100

Removes Doubt

Osseo 100 measure implant stability and osseointegration to enhance decisions about when to load the implant. Especially important when using protocols with shorter treatment time and treating higher risk patients.



Reduce treatment time
One stage, immediate loading, early loading.

Manage higher risk patients
Compromised bone, smokers, bruxism, diabetes, cancer, osteoporosis, grafts, membranes etc.

Puts higher demand on more accurate diagnostic techniques to avoid failures.

The uncomplicated operation that measures ISQ allows the implant loading period to be planned in advance. The reconstruction of crowns and bridges can be predicted to decrease the risk for failures. Measurements can be made without unnecessary impact since the equipment does not come into physical contact with the implant or abutment.

Wireless connection with Surgic Pro2

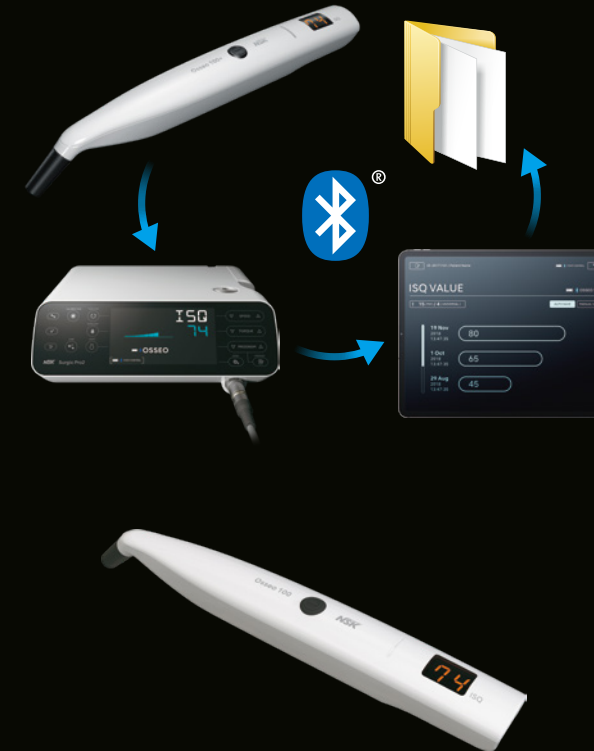
Osseo 100+

Connectivity with Surgic Pro2

The ISQ value is transferred automatically when connected with Surgic Pro2. The Bluetooth® connection means that clinical procedures will be undisturbed.

Wireless data management

The measured ISQ can be shared and processed with data on external terminals via Surgic Pro2.



Stand-alone

Osseo 100

By mounting a MultiTipeg™ the measurement is made in a second. A numerical result appears on an LED screen and that indicates how well the implant has integrated.

REUSABLE MultiTipeg™

- For all major implant systems *
- Tissue friendly, durable titanium
- Autoclavable appx. 20 times
- Optimal platform fit
- ISQ Standard Calibrated



*There are different MultiTipeg™ available made to fit different implant system and types. Please refer to the updated list form the supplier.

LINE-UP

Wireless connection with Surgic Pro2

MODEL : **Osseo 100+**
REF : Y1004176

- Contents :
- Osseo 100+ Instrument
 - MultiTipeg Driver
 - Mains adapter and plugs
- MultiTipeg™ is not included, sold separately.



Stand-alone

MODEL : **Osseo 100**
REF : Y1004175

- Contents :
- Osseo 100 Instrument
 - MultiTipeg Driver
 - Mains adapter and plugs
- MultiTipeg™ is not included, sold separately.



Specifications :

- Power input : 5VDC, 1 VA
- Battery full charge time : appx. 3 hours.*
- Charger input : 100-240 VAC, 5VA
- Battery continuous drive time : appx. 1 hour.*
- Instrument weight : 100 g

*Varies depending on usage situations.

Accessories & Spare Parts

Model	MuTipeg Driver	Sterile cover	Mains adapter	EU plug	UK plug	AU plug	US plug
REF	55003	55105	55093	55094	55095	55096	55097