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Osseo 100+

NSK

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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 responding 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

By taking a baseline value at implant placement and another before loading, the degree of osseointegration can be measured.

ISQ Value 60 70

- More time required for implant osseo-integration
- Remeasure

ISQ values measured for one or two stage full or partial cases

ISQ values measured for single tooth one stage and/or immediate loading cases

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Removes Doubt

Osseo 100 measures implant stability and osseointegration to support decision on when to load an implant. Especially important when working with shorter treatment time or managing risk patients.



Reduce treatment time

One stage, immediate loading, early loading.

The uncomplicated procedure that measures ISQ allows the implant loading period to be planned in advance. The reconstruction of crowns and bridges can be monitored to optimize timing 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 MulTipeg™ the measurement is made in a second. A numerical result appears on an LED screen and that indicates how well the implant has integrated.



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REUSABLE MulTipeg™

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

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



LINE-UP

Wireless connection with Surgic Pro2

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

Contents :
- Osseo 100+ Instrument
- MulTipeg Driver
- Mains adapter and plugs

MulTipeg™ is not included, sold separately.



Stand-alone

MODEL : **Osseo 100**
REF : Y1004175

Contents :
- Osseo 100 Instrument
- MulTipeg Driver
- Mains adapter and plugs

MulTipeg™ is not included, sold separately.



Specifications :

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

*Varies depending on usage situations.

Accessories & Spare Parts

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

Manufactured for

NAKANISHI INC. **www.nsk-dental.com**
700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

NSK Europe GmbH **www.nsk-europe.de**
Elly-Beinhorn-Strasse 8, 65760 Eschborn, Germany

NSK United Kingdom Ltd. **www.nsk-uk.com**
Office 4, Gateway 1000, Arlington Business Park
Whittle Way, Stevenage, SG1 2FP, UK

Specifications are subject to change without notice.

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Create it

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