

MOBILE DENTISTRY

Create it 

MOBILE DENTISTRY

NSK

Advanced Dental Care for Everybody.

We all know that tooth decay is treatable. But even in today's world, there are still regions without access to dental care.

In areas where dentists are available it is not always easy to visit them in the clinic—especially for the elderly and less mobile. NSK has designed a portable treatment unit that has the functionality of a fully equipped treatment unit to help deliver advanced dental care regardless of the patients' location. Through various innovative ideas NSK's mobile dentistry is leading the way in providing mobile dental care.

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Dentalone Mobile Dental Cart

Helping You Care. Anywhere.*

Dentalone is the dentist's office mobile cart which is provided for restorative or preventive dentistry in the field such as Humanitarian, Home Care, Schools, and Army & Hospitals.

Advantages

- Compact
- Simple to use
- Mobile
- Plug and Play system
- Easy to carry
- User-friendly
- Extends up from case to cart
- Large range of functionality

Features

- All components pack into a case with an extendable carrying handle
- Up and down function of control unit and instrument carrier which is barrier fully for treatment position
- Small, light, complete unit
- Instrument carrier with automatic selection of instruments and easy positioning
- Integrated compressor for irrigation & 3-in-1 syringe
- Universal voltage adaptability (100 V-230 V)



*electricity supply required



NLX nano

Clinical Electric Micromotor
Smaller and lighter micromotor currently available.



Varios2 Lux

Multi Function Ultrasonic Scalers
iPiezo engine ensures stable power output and performance.

- Illuminated LCD control pad (Multi Pad)
- 40,000 min⁻¹ autoclavable brushless NLX nano micromotor with LED light, internal water and titanium body
- Integrated multi function ultrasonic scaler Varios 170 with LED light, slim and lightweight VA2-LUX-HP handpiece
- 3-in 1 air/water/spray syringe with LED light
- Saliva complete suction
- 500 ml water tank
- 1 litre waste container



Multi Pad

Multi-Control pad for built-in system

Visual identification on the display is possible even during operation of the handpiece.



Dentalone Complete Set

MODEL	ORDER CODE
Dentalone	S9070

Contents

- 1 Carrying Case
- 1 Water tank for spray
- 1 Tank for vacuum
- Built in compressor
- Built in suction pump
- 1 Variable Foot Control
- 1 Extendable Tablet

Specifications

[Dimensions]

- Case with trolley (unpulled trolley handle) : W 351 x D 405 x H 545 mm
- Case with trolley (pulled trolley handle) : W 351 x D 405 x H 1,075 mm
- Without case : W 350 x D 405 x H 496 mm
- Working height : 766 mm
- Weight with case : 18.5 kg
- Power Supply : AC 100-230 V 50/60 Hz

VIVA ace

Mobile Dentistry System

Wherever Possible

For more comfortable & more advanced home visits for dental treatment

As societies age more rapidly, there is an ever greater need for mobile dental treatment. Today's ageing population keeps more of their natural teeth, which means a wider range of treatments is required nearer to the patient. VIVA ace combines the functionality of a dental treatment centre in a compact body with multipurpose micromotor, ultrasonic scaler and more. Its lightweight build means it is easy to carry and straight forward to set up in different locations. The first of its kind with high-functionality, supports more comfortable dental treatment wherever the patient.

 **Lightweight and Compact**

 **High Functionality, Just Like a Treatment Centre**

 **Easy to Set-up and Breakdown**



Lightweight and Compact

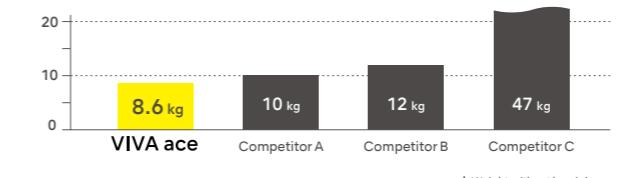
Highly manoeuvrable and lightweight, weighing only 8.6 kg. Its compact size is ideal for stowing in a car, is easily carried up and down stairs and fits into compact spaces. Simple to transport from one patient to another. The small size has been achieved by making each component lightweight and compact without compromising functionality.

All-in-one Package

A micromotor, ultrasonic scaler, 3 in 1 syringe and suction combined in a single compact body including storage space for all instruments.



**Lightweight at 8.6 kg,*
it can be Taken Anywhere.**



**Advanced
Functionality in a
Compact Body**

Photos are of optional extras.



Highly Functional Portable Dental System Just Like a Treatment Centre

Excellent efficiency and safety are achieved via both the intuitive and highly visible large LCD control panel and the superb functionality provided by each individual instrument. A high functionality system, just like a treatment centre.

High Functionality Micromotor Full endodontic functionality



NLX plus

Ideally suited for all state of the art dental requirements

	Rotation speed (min ⁻¹)	Torque (Nm)
General mode	1,000-40,000	4.0
Endodontic mode	100-5,000	0.3-3.0

Multipurpose Ultrasonic Scaler Comprehensive tip range



Varios2 Lux

NSK iPlezo ultrasonic engine

Provides the appropriate power at the tip end adapting to tooth conditions for firm or soft tartar. Safe scaling is possible even when removing hard tartar.



Quick Set up and Storage

Set up and storage is straight forward, simple and quick, making work more efficient and easier. The instrument holders and arm can be set at 4 different levels.

Hygienic as the components that touch the floor are kept in a separate storage compartment with a cover.



Storage is simple
Remove the handpieces for easy storage.



Very easy to maintain



4-level adjustable height and angle

Adjustable to various positions whether standing or sitting.

3 in 1 syringe



Lightweight and simple 3 in 1 syringe operation. The syringe nozzle uses a simple quick release mechanism.

Suction



Built in ball leaver valve to adjust suction power.

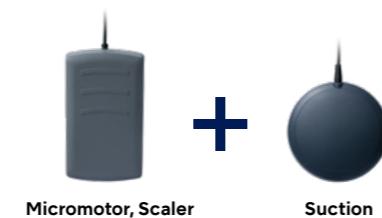
Foot controls

For treatments performed by just one practitioner

The micromotor, ultrasonic scaler and suction can be switched ON/OFF using one foot control in Sync mode.



Micromotor, Scaler & Suction



For treatment performed by 2 operators, 1 dentist/hygienist and 1 dental nurse

Switch micromotor, ultrasonic scaler and suction ON/OFF using two foot controls. The two in combination lets the dentist concentrate on operating the micromotor and scaler.



VIVA ace Complete Set

MODEL	ORDER CODE
VIVA ace 230 Complete Set	Y1003773

Contents

- VIVA ace 230 Basic Set • VIVA ace Motor Kit • VIVA ace Scaler Kit

Specifications (Control Unit)

- Dimensions: W 462 x D 298 x H 284 mm
- Unit weight: 8.6 kg
- Power supply: AC 100-240 V 50/60 Hz
- Power source input: 130 VA

Light Probe (optional)

Bright illumination of the oral cavity in any treatment environment. Good accessibility with a slim body that also makes it possible to access hard-to-see areas.



isoE-LUX



MODEL	ORDER CODE
VIVA ace 230 Basic Set	Y1003774

Contents

- Control Unit • AC Power Cord • Foot Control (FC-76S)
- Foot Control (FC-70S) • Top Case • V-ace Vacuum Hose Set
- V-ace Vacuum Bottle Set • V-ace Vacuum Nozzle (10)
- V-ace Water Bottle Set • V-ace 3 way Syringe Set
- Shoulder Belt



MODEL	ORDER CODE
VIVA ace Motor Kit	E1040002

Contents

- Motor NLX plus • Motor Cord
- Motor Cap • Protection Plug



MODEL	ORDER CODE
VIVA ace Scaler Kit	E351006

Contents

- VA2-LUX Handpiece • Scaler Cord
- Tip (G6, G8) • Tip Wrench • Tip Holder

VIVAMATE G5

Portable Micromotor Unit

Portable LED Micromotor; from Denture Adjustment to General Applications

The latest member of pioneering VIVAMATE portable micromotor series, VIVAMATE G5 provides various functions to meet mobile dental needs. The newly developed control unit with innovative design offers portability and operability by being both mains and battery powered.



Control Panel Offers Simple and Intuitive Operation

Easy to see necessary information, such as rotation speed setting, power on/off and battery remaining levels. The control panel that allows intuitive operation greatly reduces stress to operate the instrument.

LED Micromotor

The compact size micromotor has been specifically developed for mobile dentistry and weights only 148g (w/cord) and features an LED light. Although fully portable it performs like an in-surgery system meeting a wide range of clinical requirements and is compatible with your existing contra-angles and straight handpieces^{*1} helping you to manage the cost of a mobile dentistry set-up.

*1 Conformable to ISO 3964.



Use the built-in rechargeable battery or plug into the mains.

Able to operate with rechargeable batteries anywhere. When battery power level is low, just plug in AC adapter into outlet; bring the unit to patient visits without worry. It is very easy to carry since the control unit is palm-size (W 72 x D 180 x H 36 mm) and weighs only 370g.

Foot Control (optional extra)

Conveniently adjust the motor speed by depressing the pedal of the foot control without taking your eyes off the treatment.



Carrying Case

Comes with a carrying case designed for storing VIVAMATE G5 unit and its attachments.



VIVAMATE G5 Complete Set

MODEL	ORDER CODE
VIVAMATE G5 230V	Y1002801

Contents

- Control unit
- Handpiece Stand
- Motor (Including Motor Cord)
- AC Adaptor
- AC Cord
- Carrying Case

Specifications

[Control Unit]

- Dimensions : W 72 x D 180 x H 36 mm
- Weight : 370 g
- Charge/Continuous use : 2 h / 1 h (depending on workload)

[Micromotor]

- Dimensions : Ø22 x L 68.6 mm
- Weight : 148 g (Include Motor cord)
- Speed : 3,000-30,000 min⁻¹
- Torque : 3 Ncm (30,000 min⁻¹ while rotating)

Related Products

Contra-angle



For General Application

Gear Ratio	Optic	MODEL	ORDER CODE
1:5 Increasing	●	Z95L	C1034

- Max Speed : 200,000 min⁻¹ • For FG burs (ø1.6) • Push Button Chuck
- Titanium Body with Scratch Resistant DURAGRIP • Ceramic Bearings
- Quattro Spray (with two way spray function) • Microfilter
- Anti Heat System • Clean Head System • Cellular Glass Optics



For General Application

Gear Ratio	Optic	MODEL	ORDER CODE
1:1 Direct Drive	●	Z25L	C1038

- Max Speed : 40,000 min⁻¹ • For CA burs (ø2.35)
- Titanium Body with Scratch Resistant DURAGRIP • Push Button Chuck
- Single Spray (with two way spray function) • Microfilter
- Clean Head System • Cellular Glass Optics



For Prophylaxis Application

Gear Ratio	Optic	MODEL	ORDER CODE
16:1 Reduction	●	X57L	C609

- Max Speed : 2,500 min⁻¹ • For Screw-in Cups and Brushes
- 360° Rotation • w/o Spray • Special Dust Proof
- Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics



Straight Handpiece

Gear Ratio	Optic	MODEL	ORDER CODE
1:1 Direct Drive	●	X65L	H273

- Max Speed : 40,000 min⁻¹ • For HP burs (ø2.35) • For CA burs (ø2.35)*
- Titanium Body with Scratch Resistant DURACOAT • Single Spray
- Clean Head System • Cellular Glass Optics

*Need to insert the supplied bur stopper

Light Probe

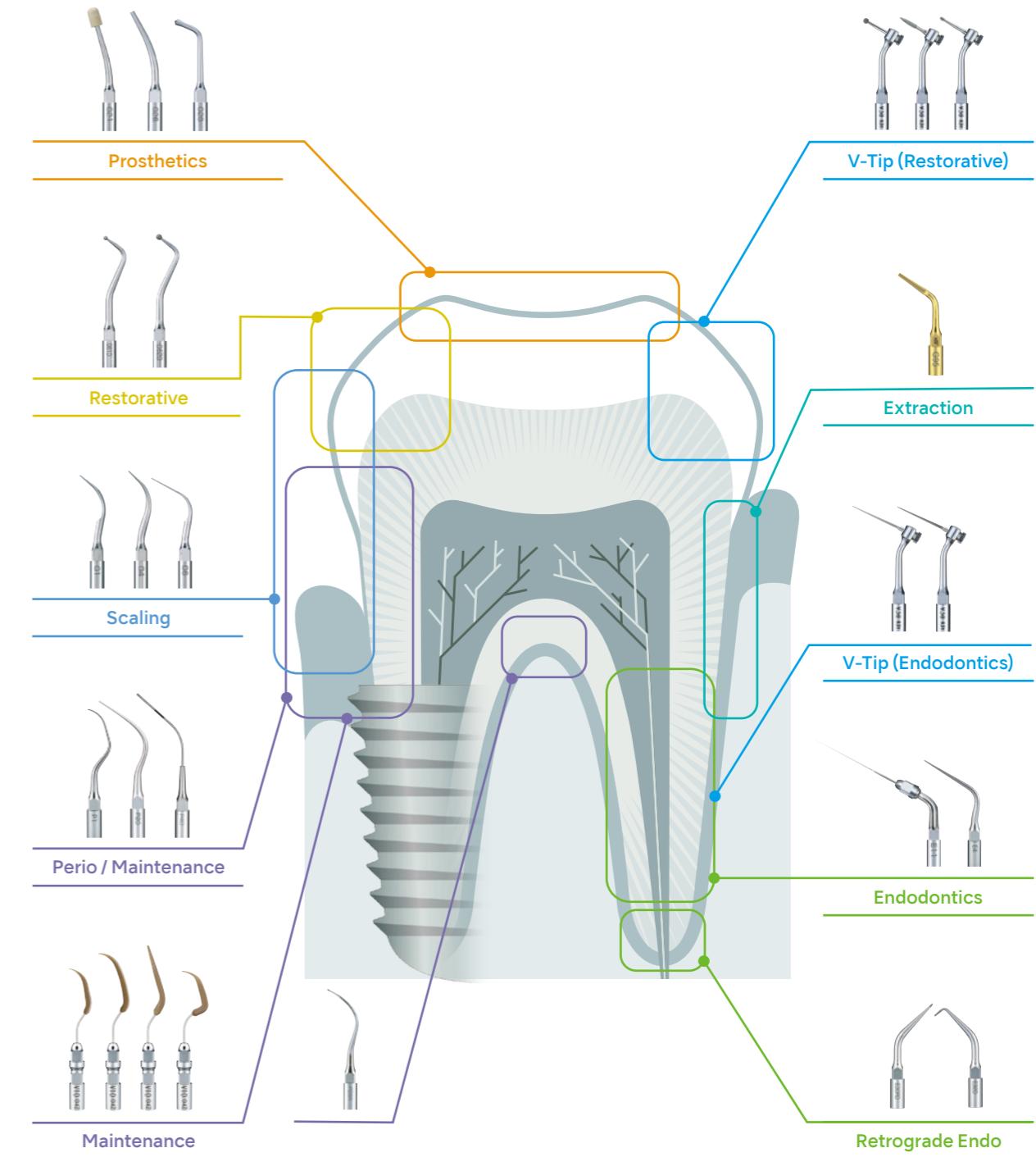


Gear Ratio	Optic	MODEL	ORDER CODE
—	●	isoE-LUX	Z1265

- E-Type Optic Motor Connection • Stainless Steel Body • Glass Fiber Optics

Ultrasonic Scaler Tip

NSK Offers a Wide Choice of Varios Ultrasonic Scaler Tips for Clinical Applications.



Spare Parts and Accessories

Dentalone

MODEL	PRODUCTS	ORDER CODE
Saliva ejector with connector		57064
Hose		57064-1
Screwing cap suction, assembled		57068
Suction bottle complete		57072
Screwing cap water, assembled		57069
Water tank complete		57073

MODEL	PRODUCTS	ORDER CODE
Cover assembled		57082
Socket assembled		57088
NLX motor cord		37074
Cord for Scaler Varios 170		37075
CR-10 Tip Wrench		Z221076

MODEL	PRODUCTS	ORDER CODE
FC-76 Foot Control		Z1082

VIVA ace

MODEL	PRODUCTS	ORDER CODE
isoE-LUX		Z1265
V-ace Vacuum Nozzle (Pack of 10)		S900070
V-ace Vacuum Hose Set		U1144074
V-ace Vacuum Bottle Set		U1146070
V-ace Suction Waste Bottle		U1146075
VS Suction Waste Bottle Lid		Z1240051
V-ace 3 way Syringe Set		U1144040
V-ace 3 way Syringe Nozzle		U1144046

MODEL	PRODUCTS	ORDER CODE
V-ace Vacuum Junction Hose		U1144753
Vacuum Cap A		U1144750
Vacuum Cap B		U1144751
Hose Cap		U1144752
V-ace Water Bottle Set		U1146080
V-ace Water bottle		U1146085
FC-76S		Z1082005
FC-70S		Z1008006

VIVAMATE G5

MODEL	PRODUCTS	ORDER CODE
VIVAMATE G5 230 V Control unit		U1068004
VMG30EM MC VIVAMATE G5 Micromotor with Cord		E1069002
VMG30 VIVAMATE G5 Micromotor		E1069052
VMG30 CD VMG30 motor cable		E1069061

MODEL	PRODUCTS	ORDER CODE
FC-76M Foot Control		Z1082002
Handpiece Stand		Z095206
Battery Pack		U1068052
AC Adaptor For VIVAMATE G5		U1115

MODEL	PRODUCTS	ORDER CODE
AC Power Cord		U439550
Carrying Set For VIVAMATE G5		Y1002171