KaVo EXPERT series

KaVo SMART series

Enjoy maximum power with innovative KaVo comfort.

MASTERmatic LUX speed increasing contra angle

More space due to the 100°/19° head/knee angle combina

tion and smaller heads - 3-port spray - push-button chuck

- ceramic ball bearing -head 20 % smaller than GENTLEpower

handpiece 1:5 transmission ratio

M25 L | Mat. No. 1.009.3630

14 exchangeable heads

Push-button chuck – for contra-angle handpiece

burs – includes debris deflector disc and reinforced

Round bur, size 2 and U-inverted cone bur size 0 –

for microsurgery - max. speed: 20,000 rpm

chuck system - max. speed: 20,000 rpm

INTRA head 2:1

L67 | Mat. No. 1.008.1832

INTRA Micro head 1:1

L22 | Mat. No. 1.008.1835

M07 L | Mat. No. 1.009.3610

LUX 25 LP -mvery low noise level (55 dB(A))

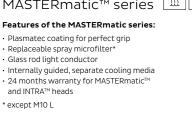
MASTERmatic LUX reducing shank 2.7:1

Maximum treatment flexibility and options provided by

- 1. Best treatment quality.
- 2. Maximum treatment comfort.
- 3. Highest patient satisfaction.

Handpieces and contra-angle handpieces

Features of the MASTERmatic serie · Plasmatec coating for perfect grip Glass rod light conductor Internally guided, separate cooling media and INTRA™ heads



MASTERmatic LUX reducing shank 7.4:1





Push-button chuck – for contra-angle handpiece burs – includes debris deflector disc and reinforced chuck system - max. speed: 40,000 rpm L68 | Mat. No. 1.008.1833

Push-button chuck - for FG-burs Ø 1.6 mm (1/16 in) - max. speed: 40,000 r L80 | Mat. No. 1.004.4456



Push-button chuck – for contra-angle handpiece burs and root canal filler instruments max. speed: 2,000 rpm L62 | Mat. No. 1.008.1830

L3 | Mat. No. 1.008.1822

INTRA Endo head Push-button chuck – for manual root canal instruments with grip diameter 3.5-4.0 mm (9/64-5/32 in) - reciprocating rotation through

INTRA Endo head

Push-button chuck - ball bearings - for

L68 B | Mat. No. 1.008.1834

INTRA Prophy head 2:1

max. speed: 15,000 rpm

contra-angle handpiece burs and root canal

instruments - suitable for endo function of the

ESTETICA E70/E80 Vision in combination with

With thread and knob - for screw-type and

Push-button chuck - for manual root canal inst ruments with grip diameter of 3.5 - 4.0 mm - lift motion 0.4 mm - instrument receptacle rotates L3 Y | Mat. No. 1.008.1823



shank burs - 1-port spray - push-button chuck - ceramic ball bearing - head 43 % smaller than GENTLEpower

M05 L | Mat. No. 1.009.3640

MASTERmatic LUX shank 1:1 Maximum treatment flexibility and options provided by 14 exchangeable heads M20 L | Mat. No. 1.009.3620



INTRA head 3:1 Push-button chuck – ball bearings – for contra-angle handpiece burs and root canal instruments - suitable for endo function of the ESTETICA E70/E80 Vision in combination with MASTERmatic M20 L L66 B | Mat. No. 1.008.1831

INTRA EVA head Files rotate freely – with buffered 0.8 mm snap-on polishing attachments - with multiple (1/32 in) stroke - for files by Intensiv - max. seals to prevent penetration of polishing paste speed: 20,000 rpm L61 G | Mat. No. 1.008.1828

> INTRA Endo/Prophy head Push-button chuck - for root canal instrumen and polishing attachments with 2.35 mm shaft diameter (latch) - reciprocating rotation through 60° - max. speed: 3,000 rpm



MASTERmatic LUX handpiece 1:1 For both handpiece and contra-angle handpiece burs M10 I | Mat. No. 1.009.3570



INTRA Mini head 1:1 Push-button chuck - for miniature contra-angle handpiece burs (16 mm (5/8 in)) - max. speed: L52 | Mat. No. 1.008.1825

INTRA EVA head With 36 separate locking positions for locking

COMFORTdrive™

files - with buffered 0.8 mm (1/32 in) stroke for files by Intensiv - max. speed: 20,000 rpm L61 R | Mat. No. 1.008.1829



glass rod light conductor - ceramic ball bearings replaceable spray microfilter - 3-port-spray -- max, speed: 200,000 rpm - 24 months warranty 200 XD | Mat. No. 1.000.5500

Rely on advanced KaVo performance.

- 1. Maximum longevity.
- 2. Efficient operations.
- 3. Reliable features.

Handpieces and contra-angle handpieces

Features of the EXPERTmatic serie KaVo EXPERTgrip for better grip E25 L/ E20 L/ E15L: Glass rod light conductor

24 months warranty



3-port spray - push-button chuck - ceramic ball bearings replaceable spray microfilter – CoolHead technology E25 L | Mat. No. 1.007.5550



E25 C (without light) | Mat. No. 1.007.5551

EXPERTmatic handpiece 1:1 For both handpiece and contra-angle handpiece burs E10 C (without light) | Mat. No. 1.007.5560



E20 L | Mat. No. 1.007.5540



FXPERTmatic prophylaxis contra-angl

handpiece 5.4:1 Prophylactic contra-angle handpiece for screw-type and snap-on polishing attachments E31 C (without light) | Mat. No. 1.008.4998

EXPERTmatic LUX reducing contra-angle handpiece 5.4:1 Push-button chuck - for contra-angle handpiece burs debris deflector disc and reinforced chuck system E15 L | Mat. No. 1.007.5530



Push-button chuck - for contra-angle handpiece burs debris deflector disc and reinforced chuck system E15 C (without light) | Mat. No. 1.007.5531

EXPERTmatic prophylaxis contra-ang handpiece 2.7:1

Prep control head with 36 locking positions for

inserts - with buffered 0.8 mm (1/32 in) stroke

ELECTROmatic[™] - The conversion kit from air to electrics

E61 C (without light) | Mat. No. 1.008.4999

Start safe with affordable KaVo quality.

- 1. Made in Germany.
- 2. Premium materials.
- 3. Entry level price for the world of KaVo.

Handpieces and contra-angle handpieces

Features of the SMARTmatic series

 Smaller head Ceramic sliders within the clamping system · Rust-free stainless steel • Extremely precise ball bearings Optimum balance · 12 months warranty



the Sprayclip – max. speed: 40,000 rpm S20 S | Mat. No. 1.011.6752 S20 | Mat. No. 1.011.6750

SMARTmatic ENDO S81 8:1 For endodontic files with shaft Ø 2.35 mm – max. speed:

40.000 rpm S81 | Mat. No. 1.011.6780



Screw-in and snap-on - max. speed: 20,000 rpm double-threaded for screwtype polisher/brushes unscrewable holder for snap-on polishing applications S31 | Mat.No. 1.011.6760



S33 | Mat. No. 1.011.6800

with holder for snap-on polishing applications

faster due to 3 Preset Speed Programs.

Standard Head - Glass rod light conductor - 26 Watt Power

ceramic bearings - made in Germany - push-button chuck -

Miniature head - 22 Watt Power - ceramic bearings - made in

Germany - glass rod light conductor - push-button chuck -

Turbines 如下

SMARTtorque™ series

S619 C (without light) | Mat. No. 1.008.1642

SMARTtorque LUX Turbine

S619 L | Mat. No. 1.008.1641

four-port spray

single-port spray S615 L | Mat. No. 1.008.1643

SMARTmatic S53 / Prophy, Endo 8:1 / 70° oscillating rotation direction For burs with shaft Ø 2.35 mm - max. speed: 20,000 rpm usable with polishing and root canal instruments S53 | Mat. No. 1.011.6810

Fix coupling turbines

Mat. No. 1.008.1644

22 Watt Power

Mat. No. 1.008.1645

S609 C (without light) - 4-hole standard connector Midwest

S605 C (without light) – 4-hole standard connector Midwest

Maximum power data are measured at max. pressure settings.

For burs with shaft Ø 2.35 mm - Internal spray trans

contra-angle handpiece drills

S10 S | Mat. No. 1.011.6732

Also available without spray

SMARTmatic ENDO S321 32:1

SMARTmatic PROPHY S19 8:1

prophylaxis angles

S19 | Mat. No. 1.011.6740

Doriot - max. speed: 20,000 rpm - for disposable

S321 | Mat. No. 1.011.6790

40.000 rpm

to the Sprayclip - max. speed: 40,000 rpm - for straight and

For endodontic files with shaft Ø 2.35 mm – max. speed:





Turbines Institution

MASTERtorque™ series Features of the MASTERtorque series · Direct Stop Technology DST: Bur stops in one second, no suck-back of aerosols Plasmatec coating for perfect grip Replaceable spray microfilt · Chuck retention force up to 32 N · Carbide guiding bush · Glass rod light conductor · Perfect sight and good access: small head and 100°/19° head/ knee angle

MULTIflex™ Couplings

SONICflex™ quick 2008

SONICflex quick Set 2008 L | Mat. No. 1.007.1604

SONICflex quick Set 2008 LS* | Mat. No. 1.007.1605

combination

· 24 months warranty



M9000 Lanthracite | Mat. No. 1.007.7100



M8700 L | Mat. No. 3.001.0000

M8700 LS* | Mat. No. 3.001.0600

* This instrument fits a non KaVo coupling system (LS = KaVo turbine fits to Sirona Click&Go-coupling) Maximum power data are measured at max. pressure settings for MULTIflex versions.

Turbines III

Speed range up to 20,000 rpm - forward a backward running - 4-hole connection -non ontic -no water - no chin air - to be us

Features of the EXPERTtorque series: · Replaceable spray microfilter · Push-button chuck Chuck retention force up to 30 N · Carbide guiding bush · Ceramic ball bearing Perfect sight: Small head and 100°/19°

EXPERTtorque™ series





EXPERTtorque Turbine

59dB(A) in average

(LS = KaVo turbine fits to Sirona Click&Go- coupling, LN = KaVo turbine fits to NSK FlexQuick- coupling)

Maximum power data are measured at max. pressure settings for MULTIflex versions.

Maximum power 29 Watt - 4-port spray

head height 13.6 mm - noise level up to

E680 C (without light) | Mat. No. 1.006.9000

0 LE | Mat. No. 1.001.7599 | not sterilizable and washable

EXPERTtorque Mini LUX Turbine

59 dB(A) in average

E677 L | Mat. No. 1.007.3600

E677 LN* | Mat. No. 1.006.0100

Extra small head: head height 12.2 mm -

three-port spray - glass rod light conductor -

maximum power 27 Watt - noise level up to



Prophylaxis and Minimally invasive applications

SONICflex™ 2003 For all applications ranging from prophylaxis to surgery - 50 different tips -

frequency: 6,000 Hz - 3 adjustable power levels - 2003 L: glass rod light conductor direction of motion: circular - includes torque wrench - SONICflex Set includes scaler tips no. 5/6/7 - 24 months warranty

SONICflex LUX Set 2003 L | Mat. No. 1.000.8333 SONICflex LUX handpiece 2003 L | Mat. No. 1.000.4243 ${\sf SONICflex\ Set\ 2003\ (without\ light)\ |\ Mat.\ No.\ 1.000.8334}$ SONICflex handpiece 2003 (without light) | Mat. No. 1.000.4246

Prophylaxis SONICflex™ 2000 N 📖 🗍 frequency: 6,000 Hz - amplitude: 160µm - direction suitable for MULTIflex coupling - includes torque wrench and SONICflex scaler tip no. 5 "Universal"

2000 N | Mat. No. 0.5710.5020

* This instrument fits a non KaVo coupling system (LS = KaVo instrument fits to Sirona Click&Go-coupling)

Prophylaxis and Minimally invasive applications

Prophylaxis and Minimally invasive applications

includes torque wrench - SONICflex quick Set includes scaler tips no. 5A/6A/7A - 24 months warranty

For all invasive applications ranging from prophylaxis to surgery – more than 50 different tips – rapid tip switch – frequency: 6,000 Hz –

SONICflex quick handpiece 2008 L | Mat. No. 1.005.9310

SONICflex quick handpiece 2008 LS* | Mat. No. 1.007.0540

3 adjustable power levels – 2008 L/LS: glass rod light conductor – for KaVo or Sirona couplings – direction of motion: circular

SONICflex quick Set 2008 (without light) | Mat. No. 1.007.1606 SONICflex quick handpiece 2008 (without light) | Mat. No. 1.005.9311



















MULTIflex coupling



poriot – max. speed: 20,000 rpm – for disposabl

Surgery portfolio

This instrument fits a non KaVo coupling system



Large colour touchscreen (4.3") - wireless surgical foot control - data documentation (SD memory card) - multi-program - integrated $cooling \, pump-hose \, set-max. \, torque \, 80 \, Ncm-motor \, INTRA \, LUX \, S600 \, LED \, (brushless \, motor, speed \, range: \, 0-40,000 \, rpm, \, motor \, and \, 10-100 \, rpm, \, 10-10$ motor cable: auto-clavable & disinfectable) - 12 months warranty MASTERsurg LUX Wireless | Mat. No. 1 009 1200 INTRA LUX S600 LED | Mat. No. 1.008.8000

Surgery portfolio



EXPERTsurg LUX Surgical unit Large colour display (4.3") - multifunctional foot control (cable length 2.5 m) - Single-useroperation for saving data – integrated cooling pump – hose set – max. torque 80 Ncm – motor INTRA LUX S600 LED (brushless motor, speed range: 0 - 40,000 rpm, motor and motor cable: autoclavable & disinfectable) - 12 months warranty EXPERTsurg S600 LED | Mat. No. 1.008.3500



Surgery portfolio





Surgery handpieces and contra-angle handpieces 🎹 🗡















Special instruments



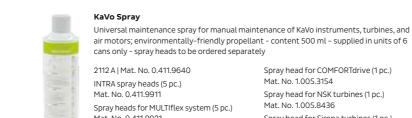
Air abrasion system with water spray for minimal invasive cavity preparation, better bonding strength for all adhesive techniques, minimal invasive fissure opening and repair of composite and ceramic restaurations - MULTIflex coupling -360 | Mat. No. 1.002.2179 RONDOflex Abrasive powder 27 µm 1000 g | Mat. No. 1.000. 5957 RONDOflex Abrasive powder 50 µm . 1000 g | Mat. No. 1.000.5956



Hygiene and Care

KaVo QUATTROcare™ PLUS 2124 A Programme-controlled unit for automatic maintenance of contra-angle handpieces, handpieces and turbines incl. separate chuck care programme with 3 INTRAmatic and MULTIflex service couplings - includes 1 can QUATTROcare products are available as accessories - 12 months warranty 2124 A | Mat. No. 1.008.3805





air motors; environmentally-friendly propellant - content 500 ml - supplied in units of 6 cans only - spray heads to be ordered separately 2112 A | Mat. No. 0.411.9640 Spray head for COMFORTdrive (1 pc.) Mat. No. 1.005.3154 INTRA spray heads (5 pc.) Spray head for NSK turbines (1 pc.) Mat. No. 1.005.8436 Spray heads for MULTIflex system (5 pc.) Mat. No. 0.411.9921 Spray head for Sirona turbines (1 pc.) Mat. No. 1.005.8365



KaVo CLEANspray™/DRYspray™ CLEANspray™: Ready-to-use solution for the non protein fixing cleaning (internal and external surfaces) of dental hollow DRYspray™: Ready-to-use spray for the drying after cleaning and/or disinfection of the internal surfaces of dental hollow Pack. KaVo CLEANspray (4 cans): 2110 P | Mat. No. 1.007.0579 Pack. KaVo DRYspray (4 cans): 2117 P | Mat. No. 1.007.0580

