KaVo MASTER series

Enjoy maximum power with innovative KaVo comfort.

MASTERmatic LUX speed increasing contra angle

3-port spray - push-button chuck - ceramic ball bearing -

head 20 % smaller than GENTLEpower LUX 25 LP -

MASTERmatic LUX reducing shank 7.4:1

Maximum treatment flexibility and options provided by

handpiece 1:5 transmission ratio

very low noise level (55 dB(A))

M25 L | Mat. No. 1.009.3630

14 exchangeable heads

Push-button chuck - for contra-angle handpiece

chuck system - max. speed: 20,000 rpm

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

M29 L | Mat. No. 1.009.3580

1. Best treatment quality.

2. Maximum treatment comfort.

3. Highest patient satisfaction.

Handpieces and contra-angle handpieces

MASTERmatic[™] series ^{135°C} Features of the MASTERmatic series:

 Plasmatec coating for perfect grip Replaceable spray microfilter Glass rod light conductor Internally guided, separate cooling media M25 L/M05 L: More space due to the 100°/19° head/knee angle combination and smaller heads • 24 months warranty for MASTERmatic[™] and INTRA[™] heads * except M10 L

MASTERmatic LUX speed increasing contra-angle handpiece 1:5 transmission ratio Miniature head specifically for short-shank burs 1-port spray - push-button chuck - ceramic ball bearing head 43 % smaller than GENTLEpowe 25 LP - very low noise level (55 dB(A)) M05 L | Mat. No. 1.009.3640

INTRA™ Heads



INTRA head 1:1 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



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



INTRA head 10:1 Push-button chuck - for contra-angle handpiece burs and root canal filler instruments max. speed: 2,000 rpm L62 | Mat. No. 1.008.1830

INTRA Endo head Push-button chuck – for manual root canal nstruments with grip diameter 3.5-4.0 mm (9/64-5/32 in) - reciprocating rotation through 60° - max. speed: 3,000 rpm | 3 | Mat. No. 1.008.1822

INTRA head 2:1

L67 | Mat. No. 1.008.1832

INTRA Micro head 1:1

L22 | Mat. No. 1.008.1835

INTRA Endo head Push-button chuck - for manual root canal instruments with grip diameter of 3.5 - 4.0 mm - lift motion 0.4 mm - instrument receptacle rotates 360° - max. speed: 3,000 rpm 13 Y | Mat No 1008 1823

INTRA head 1:1

MASTERmatic M20 L

| 68 B | Mat. No. 1.008.1834

INTRA Prophy head 2:1

max. speed: 15,000 rpm

L31 | Mat. No. 1.008.1824

Push-button chuck - ball bearings - for

contra-angle handpiece burs and root canal

ESTETICA E70/E80 Vision in combination with

With thread and knob - for screw-type and

snap-on polishing attachments - with multiple

seals to prevent penetration of polishing paste -

struments - suitable for endo function of the

MASTERmatic LUX shank 1:1

MASTERmatic LUX handpiece 1:

M10 L | Mat. No. 1.009.3570

For both handpiece and contra-angle handpiece burs

INTRA head 3:1

MASTERmatic M20 I

INTRA EVA head

speed: 20,000 rpm

L61 G | Mat. No. 1.008.1828

INTRA Endo/Prophy head

60° - max. speed: 3,000 rpm

L53 | Mat. No. 1.008.1826

Push-button chuck - for root canal instrument

and polishing attachments with 2.35 mm shaft

diameter (latch) - reciprocating rotation through

L66 B | Mat. No. 1.008.1831

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

Files rotate freely - with buffered 0.8 mm

(1/32 in) stroke – for files by Intensiv – max.

14 exchangeable heads

M20 L | Mat. No. 1.009.3620

Maximum treatment flexibility and options provided by

KaVo EXPERT series

Rely on advanced KaVo performance.

1. Maximum longevity. 2. Efficient operations.

3. Reliable features.

Handpieces and contra-angle handpieces

EXPERTmatic™ series Features of the EXPERTmatic series KaVo EXPERTgrip for better grip Internally guided, separate cooling media E25 L/ E20 L/ E15L: Glass rod light conductor 18 months warranty

handpiece 1:5

replaceable spray microfilte

E25 L | Mat. No. 1.007.5550

MASTERmatic LUX reducing shank 2.7:1

COMFORTdrive contra-angle handpiece

High-speed contra-angle handpiece - very light-weight

and handy - integrated brushless motor - glass rod light

conductor - ceramic ball bearings - replaceable spray

microfilter - 3-port-spray - for direct connection only

to KaVo COMFORTbase - max. speed: 200,000 rpm

INTRA Mini head 1:1

L52 | Mat. No. 1.008.1825

INTRA EVA head

L61 R | Mat. No. 1.008.1829

40,000 rpm

Push-button chuck - for miniature contra-angle

handpiece burs (16 mm (5/8 in)) - max. speed:

With 36 separate locking positions for locking

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

for files by Intensiv - max. speed: 20,000 rpm

14 exchangeable heads

24 months warranty

200 XD | Mat. No. 1.000.5500

M07 L | Mat. No. 1.009.3610

COMFORTdrive™

Maximum treatment flexibility and options provided by



EXPERTmatic LUX contra-angle handpiece 1:1 E20 L | Mat. No. 1.007.5540



EXPERTmatic speed increasing contra-angle handpiece with 1:5 transmission ratio 3-port spray - push-button chuck - ceramic ball bearings replaceable spray microfilter E25 C (without light) | Mat. No. 1.007.5551



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



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



EXPERTmatic prophylaxis contra-angle handpiece 2.7:1 Prep control head with 36 locking positions for polishing inserts - with buffered 0.8 mm (1/32 in) stroke for files by Intensiv E61 C (without light) | Mat. No. 1.008.4999



SMARTmatic PROPHY S19 8:1



SMARTmatic PROPHY S33 8:1 / 70° oscillating rotation direction Snap-on - max. speed: 20,000 rpm with holder for snap-on polishing application S33 | Mat. No. 1.011.6800

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



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



EXPERTmatic reducing contra-angle handpiece 5.4:1 Push-button chuck - for contra-angle handpiece burs debris deflector disc and reinforced chuck system

SMARTmatic ENDO S321 32:1 For endodontic files with shaft Ø 2.35 mm - max. speed:

SMARTmatic S10 S 1:1 with external spray

For burs with shaft Ø 2.35 mm – Internal spray trans

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

40,000 rpm

S321 | Mat. No. 1.011.6790

KaVo SMART series

3. Entry level price for the world of KaVo.

Handpieces and contra-angle handpieces

affordable KaVo quality.

Start safe with













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



















Smaller head

Lightweight

Optimum balance

12 months warrants

Rust-free stainless steel

Extremely precise ball bearings



SMARTmatic[™] series

Features of the SMARTmatic series:

Ceramic sliders within the clamping system

1. Made in Germany.

2. Premium materials.



contra-angle handpiece drills

S10 S | Mat. No. 1.011.6732

S10 | Mat. No. 1.011.6730

Also available without spray

EXPERTmatic LUX speed increasing contra-angle 3-port spray - push-button chuck - ceramic ball bearings

E20 C (without light) | Mat. No. 1.007.5541

Push-button chuck - for contra-angle handpiece burs debris deflector disc and reinforced chuck system

E15 C (without light) | Mat. No. 1.007.5531





Doriot – max, speed: 20,000 rpm – for disposable prophylaxis angles

S19 | Mat. No. 1.011.6740



Electric Motors / Air Motors / ELECTROmatic

ronics) – controlled torque – max. torque 2).24 lbf in) – sterilisable – KaVo MULTI LED ychangeable by user – 36 months warran

Turbines ^{135°C} 述

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

Perfect sight and good access: small

head and 100°/19° head/ knee angle

Chuck retention force up to 32 N

Replaceable spray microfilte

Carbide guiding bush

Glass rod light conductor

Ceramic ball bearing

24 months warranty

combination



MASTERtorque LUX Turbine

M90001 | Mat. No. 1.008.7900

M9000 LS* | Mat. No. 1.008.5400

head height 13.1 mm - 4-port spray

Maximum power 31 Watt - low noise level: up to 57 dB(A)

* 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.

ttings - no suck-back due to integrated anti-retraction v

M9000 L chocolate brown | Mat. No. 1.007.9900

M9000 Lanthracite | Mat. No. 1.007.7100

Isnless electrical motor – speed range fr Kavo-electronics) – max. torque 2.7 Ncm (0.24 lbf in) – Kavo MULTI LED exchangeab by user – 36 months warranty Hote connection – Kavo high-pressure bu exchangeable by user - 12 months warrant, 81 L I Mat. No. 0.535.5210 _____

135°C

MASTERtorque Mini LUX Turbine

for standard and miniature burs

M8700 L | Mat. No. 3.001.0000

M8700 LS* | Mat. No. 3.001.0600

Extra small head: head height 12.1 mm - low noise level

up to 59 dB(A) - maximum power 30 Watt - 3-port spray

MULTIflex LUX coupling

no mawest cold light supply –integration on the supply of the supersupe of the supply of the supply of the supply of the supply of the supersupe of the supply of the supersupe of the supe of the supersupe of the supe of the supersupe of the supersupe of the supersupe of the supe of the supersupe of the supe of t



2 coupler – 12 months warran 81 M I Mat. No. 0 535 5250



NTRAmatic™ K-motor 181 K peed range up to 20,000 rpm - Torward ackward running - A-hole connection backward running - 4-noie connection -non optic -no water - no chip air - to be used w SMARTmatic K programm - 12 months warrant I81 K | Mat. No. 0.535.5260 ELECTROmatic[™] - The conversion kit from air to electrics

ional with INTRA LUX Motor KL703 LED (M-sion) or with COMFORTbase (C-S Version).

pe (2200mm with different Ref. see price l

EXPERTtorque Turbine

62 dB(A)

(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





lighest Power and fast, precise operation – Fas creen – fast & easy set up

EXPERTtorque Mini LUX Turbine

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

ELECTROmatic Plu Hignest Power and fast, precise operat faster due to 3 Dreset Speed Drograms



PM-S | Mat. No. 1.012.8541 PC-S: | Mat. No. 1.012.8543

Hignest Power and fast, precise operatio M-S|Mat. No. 1.012.853/ C-S|Mat_No_1.012.8539





S



Power – Midwest

Mat. No. 1.008.1644

SMARTtorque LUX Turbine Standard Head - Glass rod light conductor - 26 Watt Power ceramic bearings - made in Germany - push-button chuck four-port spray S619 L | Mat. No. 1.008.1641

KANO DIST

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



S615 L | Mat. No. 1.008.1643

Maximum power data are measured at max. pressure settings.

MULTIflex[™] Couplings



MULTIflex LED cou nole LOX connection - spray mig regulation with toe

Prophylaxis and Minimally invasive applications



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

Prophylaxis and Minimally invasive applications



outral 4 bottlos (2E0 g c



ROPHYflex - removes biofilm in periodonta (ata elegan implante forward and and cleaning Perio Kit | Mat. No. 1.009.3731 Refill Set | Mat. No. 1.010.0287 PROPHYflex 4 Perio Kit | Mat. No. 1.011.9403



PROPHYflex Perio Powde smooth - tasteless - alveine powder



hree instant diagnostic images from one shot. Combining detection and a fluorescence instrument for final carie into one device. All captured in a single shot and insta displayed in Full HD resolution – 12 months warranty.



nation and excellent monitoring – 12 months

AGNOdent™ Display GNOdent™ pen 2190 | Mat. Nr. 1.002.7000 GNOdent™ Display 2191 | Mat. Nr. 1.004.840





MARTmatic PROPHY S31 8:1 rowable belder for chap, on poliching applied



SURGtorque 459 C

tic PROPHY S19 8:1



X-REAL PIC D

MULTIflex cou

SONICflex™ 2003 For all applications ranging from prophylaxis to surgery - 50 different tips frequency: 6,000 Hz - 3 adjustable power levels - direction of motion: circular ncludes torque wrench - SONICflex Set includes scaler tips no. 5/6/7 -2003 L: glass rod light conductor - 12 months warranty SONICflex LUX Set 2003 L | Mat. No. 1.000.8333 SONICflex LUX handpiece 2003 L | Mat. No. 1.000.4243













SONICflex Set 2003 (without light) | Mat. No. 1.000.8334





-Note standard connection - without spre

^{135°C} ∭



65 dB(A)

nti-retraction valve – 12 months warranty 460 LED | Mat. No. 1.007.5201

Prophylaxis

12 months warranty

2000 N | Mat. No. 0.5710.5020





SONICflex™ 2000 N

frequency: 6,000 Hz - amplitude: 160µm - direction

of movement: circular - internal water cooling -

suitable for MULTIflex coupling - includes torque

wrench and SONICflex scaler tip no. 5 "Universal"







4-note standard connection - spray ning regulation

Chuck retention force up to 30 N

head/knee angle combination

Perfect sight: Small head and 100°/19°

135°C ∭ _____

Carbide guiding bush

Ceramic ball bearing

18 months warranty



EXPERTtorque LUX Turbine

E680 L | Mat. No. 1.006.8700

E680 LS* | Mat. No. 1.006.4600

E680 LN* | Mat. No. 1.006.4700

Maximum power 29 Watt – glass rod light

conductor (25.000 Lux) - 4-port spray - head

* This instrument fits a non KaVo coupling system

height 13.6 mm - noise level up to 62 dB(A)

135°C ∭ 不 Surgery portfolio



MASTERsurg LUX Wireless Surgical unit Large colour touchscreen (4.3") - wireless surgical foot

control - data documentation (SD memory card) - multiprogram 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: auto-clavable & disinfectable) - 12 months warranty MASTERsurg LUX Wireless | Mat. No. 1.009.1200 INTRA LUX S600 LED | Mat. No. 1.008.8000



SURGmatic S15 L Pro speed increasing contra-angle handpiece 1:5

Transmission ratio 1:5 with up to 200,000 rpm - allrounder with high cutting performance for surgical and standard applications - 3-port spray - external cooling connection - CoolHead technology - EXPERTgrip -12 months warranty S15 L Pro (with light) | Mat. No. 1.014.4000



SURGmatic S201 XL Pro Surgical contra-angle handpiece 20:1

Reduction ratio 20:1 - Hexagon chuck system for a long service life and a max. torque of 80 Ncm - optimized clamping system - removable head, easy to clean -EXPERTgrip - small head with internal cooling system - external cooling connection - optimised toothing at the head and improved ball bearings - 12 months warranty S201 XL Pro (with hexagon + light) I Mat. No. 1.013.7541



Reduction ratio 20:1 - max. torque of 55 Ncm optimized clamping system - removable head, easy to clean - EXPERTgrip - small head with internal cooling system - external cooling connection - optimised toothing at the head and improved ball bearings - 12 months warranty S201 L Pro (with light) I Mat. No. 1.013.7540



Large colour display (4.3") - multifunctional foot control (cable length 2.5 m) - Single-user-operation for saving Ncm - motor INTRA LUX S600 LED (brushless motor, speed disinfectable) - 12 months warranty EXPERTsurg \$600 | ED | Mat. No. 1.008.3500

external cooling connection – easy to dismantle – reinforced

Surgery portfolio



data - integrated cooling pump - hose set - max. torque 80 range: 0 - 40,000 rpm, motor and motor cable: autoclavable &



135°C Ⅲ 不 Sectioning and Extraction of Molar





SURGtorque 459 L

45 degree head angle - for 25 mm burs - 19 W - no air into bur direction, went out in 2 side vents - ceramic ball bearing fiber optic - standard head size - push-button chuck - glass rod light conductor - single water jet - suitable for MULTIflex coupling 459 L | Mat. No. 3.000.4808

45 degree head angle - for 25 mm burs - 19 W - no air into bur direction, went out in 2 side vents - ceramic ball bearing -4-hole standard connection - standard head size - pushbutton chuck - single water jet 459 C | Mat. No. 3.000.5063



SURGmatic S11 L Surgical handpiece 1:1 EXPERTgrip - for straight burs with 44.5 mm (2 3/4 in) standard length - can also be used for contra-angle handpiece burs - external cooling connection -12 months warranty S11 L (with light) | Mat. No. 1.009.1010

INTRA LUX reducing contra-angle handpiece 27:1 CL 3-09 | Mat. No. 1.002.3693 consisting of: Glass rod light conductor - head and shank can be easily dismantled – head with internal cooling system (according to Surgery reducing head INTRA LUX 3:1 CL 3 | Mat. No. 1.001.8993 Kirschner and Meyer) - external cooling connection reinforced gearboxes for higher torgues - automatic recogni-Surgery reducing shank INTRA LUX 9:1 tion by motor SL 550 - 12 months warranty CL 09 | Mat. No. 1.001.9258



INTRA LUX Surgical handpiece 1:1 Glass rod light conductor - for straight burs with 44.5 mm (2 3/4 in) standard length - external cooling connection increased bur clamping force - automatic recognition by motor SL 550 – 12 months warranty CL 10 | Mat. No. 1.002.0911



INTRA Surgical handpiece 1:1

3610 N1 | Mat. No. 0.524.5600

chuck system – 12 months warranty

INTRA Surgical handpiece 1:1 For straight burs with 44.5 mm (2 3/4 in) standard length

135°C ∭

For straight burs with 62.5 mm (215/32 in) special length external cooling connection - easy to dismantle - reinforced chuck system – 12 months warranty 3610 N2 | Mat. No. 0.524.5610



INTRA Surgical handpiece 1:1 For straight burs with 70 mm (2 3/4 in) special length external cooling connection - easy to dismantle - reinforced chuck system – 12 months warranty 3610 N3 | Mat. No. 0.524.5620

Special Instruments

abrasion system with water spray for minimal inv

Hygiene and Care

a. Lea

Vo QUATTROcare™ PLUS 2124 A

at No 0 411 99

(aVo CLEAN



KaVo Dental GmbH | Bismarckring 39 | 88400 Biberach | Deutschland www.kavo.com