

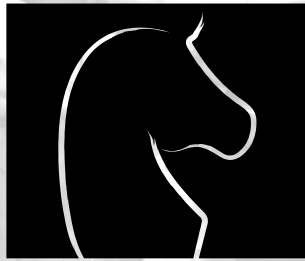
**HORSE DENTAL**  
EQUIPMENT

**Designed for Equine Dentistry**

**2021 - 2022**  
CATALOGUE







**HORSE DENTAL  
EQUIPMENT**

## SUMMARY

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Worldwide leading manufacturer in equine dentistry

# HDE COMMERCIAL GUARANTEE

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## 1. SCOPE

In addition to the Legal Guarantee, HORSE DENTAL EQUIPMENT (HDE) offers practitioners an HDE Commercial Guarantee which applies to all new HDE-branded hand-held power equipment purchased by the practitioner from HDE or one of its official distributors\*, from June 1<sup>st</sup>, 2016.

## 2. DEFINITION

### a) Product Commercial Guarantee

HDE guarantees to the practitioner the breakage of his/her HDE-branded hand-held power equipment for a 12-month period following its date of purchase from HDE or one of its official distributors\*. This guarantee applies to:

- Broken parts (except “wear” parts - paragraph 3.b)
- Labour costs
- Transport costs.

### b) After-Sales Service Commercial Guarantee

All repairs made by HDE on HDE hand-held power equipment are guaranteed 6 months.

This guarantee covers:

- Broken parts replaced in the last 6 months (except “wear” parts - paragraph 3.b)
- Labour costs for the replacement of these parts
- Transport costs.

### c) Free annual check-up

After the initial 12-month period of guarantee, HDE or Official Technical Centers\* offer one Free Annual Check-up to extend the life of your equipment. It includes the following:

- Complete test of the equipment
- Disassembly
- Control of bearings, gears, seals, transmission cables, diamond disc, electrical connections, springs
- Cleaning
- Greasing
- Reassembly

Labour costs are free of charge, transport costs are at the practitioner's expense.

This free check-up is valid once a year (calendar year).

Further to this check-up, in case repairs are required, spare parts, repair labour and transportation costs are at the practitioner's expense. In which case, an estimate will be sent for approval before any repair is done.

## 3. IMPLEMENTATION

### a) Product registration

The product commercial guarantee, the after-sales service commercial guarantee and the annual check-up will only be implemented if HDE products are registered on HDE's website within 15 days following the purchase by the practitioner from HDE or one of its official distributors\*.

### b) Disclaimer

The commercial guarantee applies to all HDE hand-held power equipment except:

A – Following wear parts:

- Diamond coating (Flexxidisc, Polyfloat burrs, axle burrs...)
- Gears (Flexxidisc and Polyfloat)

B – If the problem is caused by an accident

C – If the damage is caused by the user

D – If the user fails to comply with the instructions manual and/or HDE cleaning recommendations\*

E – If the serial number of the product is removed or modified

F – If the product is not disassembled in an Official HDE Technical Center\* or modified with non-HDE parts

G – If the product was not registered on HDE's website within 15 days after its purchase by the practitioner



# COMPLETE MOTORIZED SETS



# COMPLETE MOTORIZED SETS

## SETS

### SET LEVEL 1

#### SET\_L1

- N1 engine (complete unit)
- Quickflex reinforced drive shaft with spring 1.20 m
- Flexxidisc long curved twist
- Stainless steel brush with holder
- Instrument case



### SET LEVEL 2

#### SET\_L2

- EVOLUTION engine (complete unit with jacket)
- Quickflex reinforced drive shaft with spring 1.20 m
- Flexxidisc long curved twist
- Handpiece for the 06<sup>s</sup>
- Stainless steel brush with holder
- Trolley instrument case



Also available with WATERCOOLING

SET\_L2IR



# COMPLETE MOTORIZED SETS

## SETS

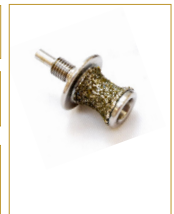
### SET LEVEL 3

#### SET\_L3

- EVOLUTION engine (complete set) with jacket
- Quickflex reinforced drive shaft with spring 1.20 m
- Flexxidisc long curved twist
- Polyfloat long straight twist (without burr)
- Polyfloat applecore Ø 14
- Handpiece for the 06<sup>s</sup>
- Stainless steel brush with holder
- Trolley instrument case



Also available with WATERCOOLING  
SET\_L3IR



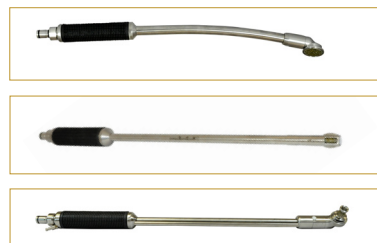
### SET LEVEL 4

#### SET\_L4

- EVOLUTION engine (complete set) with jacket
- Quickflex reinforced drive shaft with spring 1.20 m
- Flexxidisc long curved twist
- Polyfloat long straight twist (without burr)
- Polyfloat applecore Ø 14
- Polyfloat occlusal burr
- Polyfloat long versatile cylindrical burr
- Polyfloat conical burr long model
- Handpiece for the 06<sup>s</sup>
- Handpiece for the 11<sup>s</sup>
- Stainless steel brush with holder
- Trolley instrument case



Also available with WATERCOOLING  
SET\_L4IR















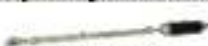







# COMPLETE MOTORIZED SETS

SETS

## SET OPTIONS OVERVIEW

	SET LEVEL 1	SET LEVEL 2	SET LEVEL 3	SET LEVEL 4
				
 N1 Engine	✓			
 Drive shaft 1.20 m				
 EVOLUTION engine - Drive shaft 1.20 m		✓	✓	✓
 Flexidisc curved long 54 cm	✓	✓	✓	✓
 O6s handpiece		✓	✓	✓
 Polyfloat straight long 54 cm			✓	✓
 Polyfloat apple core Ø 1.4 cm			✓	✓
 Polyfloat occlusal burr				✓
 Polyfloat conical burr				✓
 Polyfloat long versatile burr				✓
 11s handpiece				✓
 Stainless steel brush with support	✓	✓	✓	✓
 Instrument case	✓			
 Trolley instrument case		✓	✓	✓



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## EVOLUTION ENGINE

### EVOLUTION ENGINE (complete unit with jacket)

MEV\_HDEBVEU

**Wireless unit:** work wherever and whenever you want.

**Autonomy:** powerful & long-lasting battery for a daily practice (up to 10 horses).

**Safety:** the electronic clutch protects the equipment.

**Comfort and versatility:** optimum weight distribution on shoulders and waist.

### EVOLUTION JACKET

ME\_VME

- Only 400 g
- Very easy to put on and take off
- Cables and connections safely connected within
- Light, breathable fabric
- Machine washable at 30°C



### CONTROL BOX

MEV\_BCEP

Control box with integrated clutch



### ENGINE

MEV\_BMEV

- Low tension 36V mobile engine
- 6 speeds (2300 to 6700 rpm)
- Weight: 600 g



### LITHIUM ION BATTERY

MEV\_BLIIE

- Lithium Ion battery
- Autonomy: 10 horses
- Complete loading time: 2h30
- Weight: 815 g



### BATTERY CHARGER

MEV\_CBEE

UK, Australian and US versions available.

# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## EVOLUTION DRIVE SHAFTS

### EVOLUTION QUICKFLEX DRIVE SHAFT

- Reinforced and silent
- Stainless steel quality
- No shear pins



Length 1 m  
FLEX\_R90SQE

Length 1.20 m  
FLEX\_R120SQE

Length 1.60 m  
FLEX\_R160SQE



A rapid fastening Quickflex system adapted to all HDE burrs.  
Thanks to the integrated clutch in the control box, no need for shear pins.

## EVOLUTION ACCESSORIES

### SHEATH

Right: ACC\_FD  
Left: ACC\_FG



### BATTERY CAR CHARGER MEV\_CVBE



To charge the battery while travelling

### TRANSFORMER MEV\_TEFR



### PNEUMATIC EVOLUTION FOOTSWITCH MEV\_PPCE



This new model of pneumatic footswitch offers maximal safety. It can be used on a damp surface without being damaged.  
On/off function only.

### LIGHT EVOLUTION JACKET ME\_VMEL

Light jacket for  
EVOLUTION  
engine.





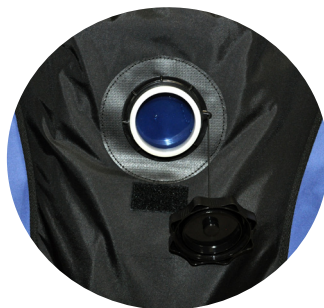
# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## WATERCOOLING

WATERCOOLING is an option which can be adapted to the EVOLUTION engine. Conceived to reduce heating when working on overgrowths as well as minimizing dentine dust.

### KIT WATERCOOLING KIT\_KWCVMES

- Capacity: 1.25 L



### QUICKFLEX DRIVE SHAFT - WATERCOOLING

- Quickflex reinforced drive shaft w/ spring 1 m for EVOLUTION
- Quickflex reinforced drive shaft w/ spring 1.20 m for EVOLUTION
- Quickflex reinforced drive shaft w/ spring 1.60 m for EVOLUTION

FLEX\_R90SQEIR  
FLEX\_R120SQEIR  
FLEX\_R160SQEIR



### FLEXXIDISC - WATERCOOLING

- Flexxidisc long straight twist FRA\_GF7IR
- Flexxidisc long curved twist FRA\_GF8TIR



### POLYFLOAT - WATERCOOLING

- Polyfloat long straight twist (without burr) FRA\_GPOLYV2IR
- Polyfloat long curved (without burr) FRA\_GPOLYCV2IR





# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## N1 ENGINE

**Powerful:** for a regular equine dentistry practice.

**Simplicity:** light and worn at the belt, it makes movements easy.

**Adjustable speed:** the practitioner adapts the speed to the treatment.

**Versatile:** works with any type of HDE burr.

### N1 ENGINE (complete unit) MOT\_1CREU

- Power supply 220V or 110V
- 4000 - 9000 rpm
- Supplied with power cord + belt



European version (Swiss - UK versions available)

### QUICKFLEX DRIVE SHAFT

- Quickflex system for a quick fastening, for all HDE drive shafts
- Works with shear pins
- Stainless steel
- Available lengths: 1.20 m - 1.60 m



#### 1.20 m

With stainless steel shear pins	FLEX_R120SQAI
With brass shear pins	FLEX_R120SQAL

#### 1.60 m

With stainless steel shear pins	FLEX_R160SQAI
With brass shear pins	FLEX_R160SQAL

### DRIVE SHAFT SHEAR PINS



FLEX\_INOX

#### STAINLESS STEEL SHEAR PINS

Bag of 20

Recommended with Flexxidisc & Polyfloat.



FLEX\_LAIT

#### BRASS SHEAR PINS

Bag of 50

Recommended with all axle burrs.

# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## N1 ENGINE ACCESSORIES

### QUICK SHEAR PIN

FLEX\_QA

- Aluminum quality
- The Quick Shear Pin allows to replace shear pins easily
- Shear pins sold separately



### CLUTCH

FRA\_LCV3

- The clutch is a protection system for the N1 engine
- Weight: 0.165 kg



Using the clutch not only helps you protect your engine and driveshaft, you won't have to change pins anymore.



Drive Shaft

Clutch

Burr

### SHEATH

Right: ACC\_FD  
Left: ACC\_FG



### N1 PNEUMATIC FOOTSWITCH

MOT\_PPPC



### N1 ENGINE FOOTSWITCH WITH SPEED CONTROL

MOT\_006



The HDE Float is designed for occasional practice of equine dentistry.

### HDE FLOAT-CURVED \*

HDEF\_220VCLC

- A full 360° rotation



### HDE FLOAT-STRAIGHT \*

HDEF\_220VLC

- A full 360° rotation




# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## FLEXXIDISC

The Flexxidisc is a versatile burr perfectly adapted for an efficient work on overgrowths as well as for routine profiling. It exists in different shapes and sizes adapted to every type of dentistry practice.

- A high quality diamond disc ( $\pm$  900 horses).
- Diamond minimizes soft tissue damage.
- The small height of the head eases work on the 11<sup>th</sup>.
- The 360° rotating head allows optimal access (twist system on the curved version only).
- The curved version follows the natural shape of the jaw, allowing better access in the back of the mouth.
- Easy maintenance (no greasing necessary).
- The ergonomic rubber handle allows an optimal grip.

## FLEXXIDISC RANGE

Model	Curved	Straight	Length (cm)	Height head (mm)	Watercooling	Disc Ø (mm)	1)
Long	✓	✓	54	27/12		32	
Standard	✓ w or w/o extension	✓ w or w/o extension	32	27/12		32	
Short		✓	18	27/12		32	



WATERCOOLING available.



(1) Also available in diameter of 28 mm.



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

FLEXXIDISC

## FLEXXIDISC SHORT STRAIGHT

FRA\_F7C

Length: 18 cm



## FLEXXIDISC STANDARD STRAIGHT

FRA\_F7

Length: 32 cm



## FLEXXIDISC LONG STRAIGHT

FRA\_GF7

Length: 54 cm



## FLEXXIDISC STANDARD CURVED TWIST

FRA\_F8T

Length: 32 cm



## FLEXXIDISC LONG CURVED TWIST

FRA\_GF8T

Length: 54 cm



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS


## POLYFLOAT

The Polyfloat is a very versatile tool which allows a global dentistry treatment, from routine profiling to decay and diastema treatment, thanks to a complete range of 14 different burrs (the Polyfloat is delivered without burr).

It exists in different shapes and sizes, adapted to every type of dentistry practice.

- The 360° rotating head allows optimal access (twist system on the curved version only).
- The curved version follows the natural shape of the jaw, allowing better access in the back of the mouth.
- A range of 14 different burrs for every type of treatment (profiling, decay, diastema, 06<sup>s</sup>).
- Easy maintenance (no greasing necessary).
- The ergonomic rubber handle allows an optimal grip.

## POLYFLOAT RANGE

Model	Curved	Straight	Length (cm)	Watercooling
Long	✓	✓	54	
Standard	✓ <small>w or w/o extension</small>	✓ <small>w or w/o extension</small>	32	
Short		✓	15	



WATERCOOLING available.



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

POLYFLOAT

Non-contractual pictures: Polyfloat burrs sold separately.

## POLYFLOAT SHORT STRAIGHT

FRA\_POLYV2C

| Length: 15 cm



## POLYFLOAT STANDARD STRAIGHT

FRA\_POLYV2

| Length: 32 cm



## POLYFLOAT LONG STRAIGHT

FRA\_GPOLYV2

| Length: 54 cm



## POLYFLOAT STANDARD CURVED TWIST

FRA\_POLYCV2

| Length: 32 cm



## POLYFLOAT LONG CURVED TWIST

FRA\_GPOLYCV2

| Length: 54 cm



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## POLYFLOAT BURRS

The 14 HDE Polyfloat burrs benefit from a high quality diamond coating ( $\pm$  900 horses). Diamond minimizes soft tissue damage.

The HDE range features 3 types of burrs:

### APPLECORE BURRS

Applecore burrs are ideally used for a work on overgrowths, especially on the 11th ( $\varnothing$ 14), 06<sup>s</sup> profiling (with the short straight Polyfloat) as well as final profiling. HDE offers a range of 6 burrs of different diameters and shapes.



FRA\_B14V2

Ø 14 mm



FRA\_B18V2

Ø 18 mm



FRA\_B22V2

Ø 22 mm



FRA\_FB14C

Ø 14 mm



FRA\_FB18C

Ø 18 mm



FRA\_FO

Ø 16 mm

### DECAY TREATMENT BURRS

HDE offers 3 burrs of different sizes and shapes, specifically developed for decay treatments.



FRA\_COLV2

Length: 15 mm  
Ø 3 mm



FRA\_COCV2

Length: 9 mm  
Ø 3 mm



FRA\_BOV2

Ø 3 mm

### DIASTEMA TREATMENT BURRS

HDE offers 5 burrs of different sizes and shapes, for both lingual or vestibular work.



FRA\_CYPC

Length: 20 mm  
Ø 3 mm



FRA\_CYLV2

Length: 25 mm  
Ø 4.5 mm



FRA\_CYCV2

Length: 13 mm  
Ø 4.5 mm



FRA\_CYPL

Length: 25 mm  
Ø 4 mm



FRA\_CYLV2W

Length: 31 mm  
Ø 4.5 mm



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## 11<sup>s</sup> BURRS

Those burrs are specially designed to work on the 11<sup>s</sup>. The compact, long and narrow head with a limited height (1 cm) facilitates an optimum access in the back of the mouth.

Different burr's lengths and shapes and 3 head protection options are available allowing you to design your own burr.

- The diamond coating allows to reduce easily the back hooks.
- Easy maintenance (no greasing necessary).
- Its rubber handle enables a perfect grip.

This instrument can not be sold without protection.

### 1 Choose the burr's length and shape

#### STRAIGHT LONG 11<sup>s</sup> BURR

FRA\_F11D

Length: 56 cm  
- Ø 9 mm



#### CONCAVE LONG 11<sup>s</sup> BURR

FRA\_F11C

Length: 54 cm  
- Ø 9 mm



#### CONVEX LONG 11<sup>s</sup> BURR

FRA\_F11CX

Length: 54 cm  
- Ø 9 mm



#### STRAIGHT SHORT BURR (FOR PONIES)

FRA\_FP

- Length: 43 cm  
- Ø 9 mm



Specifically designed to treat ponies it has proven to be very useful on new world camelids as well.

### 2 Choose the burr's head protection



NEW

OPEN HEAD  
PROTECTION  
FRA\_COF11G



NEW

CLOSED HEAD  
PROTECTION  
FRA\_CFF11G



NEW

WIDE CLOSED  
HEAD PROTECTION  
FRA\_COLF11G

# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## AXLE BURRS

### MAXILLARY BURR

FRA\_F1

- Length: 29 cm
- Ø 15 mm / 5 mm
- Used with or without extension

- 106 to 108 & 206 to 208:  
Its cylinder shape allows fast & efficient profiling.
- 109 to 111 & 209 to 211:  
Its conical shape eases access to narrow areas between cheek and tooth.

Its conical protection applied to the cheek avoids contact with soft tissues and guides the burr on the tooth..



### MANDIBULAR BURR

FRA\_F2

- Length: 28 cm
- Ø 20 mm
- Used with or without extension

- 306 to 308 & 406 to 408:  
Its tapered sides ease access and 06<sup>s</sup> profiling.
- 309 to 311 and 409 to 411:  
Its protection has been designed to reach molars at the back of the mouth without damaging soft tissues.



### ANGLE BURR

FRA\_F3

- Length: 15 cm
- Ø 16 mm
- Used without extension

This burr is very versatile. Thanks to the tapered part of its diamond head, it can be used:

- For the 06<sup>s</sup>
- On incisors and hooks



### BOWL BURR Ø 20

FRA\_F4

- Length: 15 cm
- Ø 20 mm
- Used without extension

Its round shape offers impressive comfort and ease for the profiling of the 06<sup>s</sup>.



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## AXLE BURRS

### BOWL BURR Ø 18

FRA\_F4D18SP

- Length: 15 cm
- Ø 18 mm
- Without burr protection
- Used without extension



### DISC BURR

FRA\_F5

- Length: 15 cm
- Ø 50 mm
- Burr thickness: 1 mm
- Protection thickness: 8 mm
- Used without extension



Used to reduce and realign incisor arcades.

### 6° BURR

FRA\_F6C

- Length: 16 cm
- Ø 18 mm
- Used without extension



Its curve allows an easy 06° shaping.

Perfect for the profiling of important hooks, thanks to its large diamond coating diameter.

### ERGONOMIC HANDLE FOR 6° OR ANGLE BURR

FRA\_PAFBS

- Improves grip
- Very easy to install
- Fixing screw provided



This handle has been specially developed for practitioners looking for a better grip on their 06° (FRA\_F6C) or angle burr (FRA\_F3).

# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## AXLE BURRS

### VESTIBULAR BURR

FRA\_F6

- Length: 29 cm
- Ø 15 mm



Used with a slight opened mouth-opener it allows better comfort for the horse and the practitioner. Its less guarded protection allows a perfect working position.

### CANINE BURR

FRA\_FSC

- Length: 14.5 cm
- Weight: 152 g
- Coil: Ø 6 mm
- Used without extension



Simple and easy profiling thanks to its miniature coil burr which is perfectly adapted for canines.

### TOOTH SOCKET BURR

FRA\_F9

- Length: 10 cm
- Used without extension



### BOWL BURR Ø 8

FRA\_F4D8

- Length: 16 cm
- Ø 8 mm
- Used without extension





# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## ACCESSORIES

### EXTENSIONS

Easy to set up, extensions make it possible to work without putting the hand in the horse's mouth while following the movement of the horse.

Recommended with the maxillary, mandibular, vestibular and medium Flexxidisc and Polyfloat burs. 3 different versions are available.

#### SHORT EXTENSION

FRA\_EXTC

- Length: 16 cm
- Stainless steel



#### MEDIUM EXTENSION

FRA\_EXTM

- Length: 22 cm
- Stainless steel



#### LONG EXTENSION

FRA\_EXTL

- Length: 28 cm
- Stainless steel



### STAINLESS BRUSH

- Fast and efficient cleaning of all diamond burs
- Optional stainless steel holder



#### STAINLESS STEEL BRUSH

ACC\_BNUE

#### STAINLESS STEEL BRUSH WITH HOLDER

ACC\_BAS



# INDIVIDUAL MOTORIZED PROFILING INSTRUMENTS

## INSTRUMENT CASE

HDE offers a range of instrument cases with a space dedicated for each piece of equipment.

### TROLLEY INSTRUMENT CASE

RAN\_MT

- High shock resistance
- Inner dimensions in cm (L x W x H): 52.1 x 28.7 x 19.1
- Outer dimensions in cm (L x W x H): 55.9 x 35.6 x 22.9
- Weight (empty): 5.2 kg



### INSTRUMENT CASE

RAN\_MALIV4

- Dedicated space for each piece of equipment
- Dimensions in cm (L x W x H): 53 x 43 x 22
- High shock resistant
- Weight (empty): 4.4 kg



### STANDARD INSTRUMENT CASE

RAN\_MALR

- Protective foam
- Polypropylene
- Dimensions in cm (L x W x H): 81 x 27 x 11
- Weight (empty): 2.5 kg



### POLYFLOAT BURR INSTRUMENT CASE

RAN\_MFP

- Protective foam
- Polypropylene
- Dimensions in cm (L x W x H): 23 x 19 x 6
- Weight (empty): 0.26 kg



# EQUINE DENTALSCOPE



# EQUINE DENTALSCOPE

Made in Germany, HDE's Equine dentalscope enables a more thorough examination of the oral cavity & dental arcades and allow a better detection of dental pathologies.

## PRACTITIONER'S BENEFITS

- Clear and precise diagnosis
- Better patient follow-up
- Additional service and value
- Develops horse owners understanding

## CHARACTERISTICS

- 3 monitoring options:
  - TV screen
  - Wireless USB connector for phone / tablet / computer (optional)
  - Wireless screen (optional)
- 692 mm total length
- Head dimensions: width 17mm x thickness 17,2mm
- Rounded head on top
- Stainless steel
- Weight: 360 g
- Camera: Video resolution: 704 x 576 pixels, PAL video system, 4 glass lenses, 70° angle view, 5.000 K led lighting
- Autonomy: 1 hour (fully charged)



- 1 Dentalscope      2 Charger      3 1,5 m video cable      4 Storage case

## SPECIAL FEATURES



"Plug & Play"



Lightweight  
and portable



Sturdiness



Wireless  
options



Take clear  
pictures and  
videos



Battery  
inside the  
dentalscope



# EQUINE DENTALSCOPE

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3 sets with different monitoring options to meet your specific requirements.

**NEW**

## STARTER SET

ACC\_CD

Dentalscope for connection to a display device with cable.



**NEW**

## STARTER SET + WIRELESS USB CONNECTOR

ACC\_CDUSB

Dentalscope with USB wireless connector for phone / tablet / computer.



**NEW**

## STARTER SET + WIRELESS MONITOR

ACC\_CDM

Dentalscope with a 10" monitor including recording system, micro-SD card and storage case



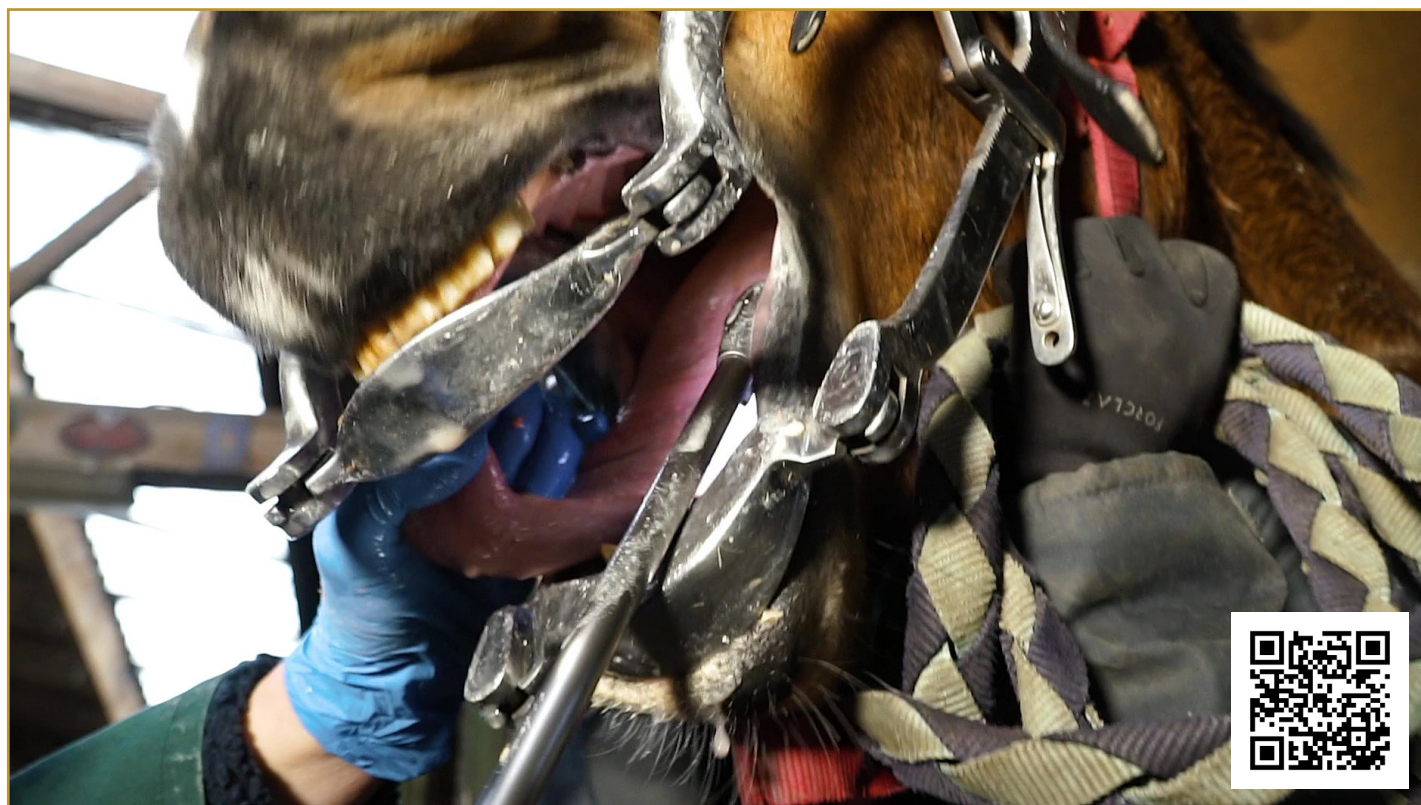
# EQUINE DENTALSCOPE

## SET OPTIONS OVERVIEW

	Starter set	Starter set + wireless USB connector	Starter set + wireless monitor
Dentalscope	✓	✓	✓
Charger	✓	✓	✓
Video cable (length: 1.5 m)	✓	✓	✓
Storage and transportation case	✓	✓	✓
USB connector + free software		✓	
10" DVR viewing monitor + micro-SD card + storage case			✓

## VIDEO PRESENTATION

Scan the QR code to discover the equine dentalscope in video!



# MANUAL RASPS



# MANUAL RASPS

## DIAMOND CAUDAL RASP

RAP\_CAU

- Abrasive material: diamond D852
- Total length: 57 cm
- Blade length: 50 mm
- Blade width: 28 mm
- Blade height: 3 mm



Rubber pistol handle for optimal grip.  
Its narrow width allows easy access to the 11<sup>th</sup> caudal part.

## DIAMOND "S" RASP

RAP\_SDIA

- Length: 17 cm
- Width: 2 cm
- Thickness: 0.5 cm



Essential for the finishing touch. With 2 different grains on one rasp.

## TUNGSTENE CARBIDE "S" RASP

RAP\_STUN

- Length: 30 cm
- Width: 2.5 cm



## 3 HEAD RASP

RAP\_TRI

- 2 handles: 30 cm and 48 cm
- 3 tungsten heads: opened, closed and straight angles



## PONY FLOAT HANDLE

RAP\_BP1

- Premolar pony float, 20° angle - 38 cm
- 50 mm blade sold separately
- 20 cm neoprene handle
- Stainless steel



Especially designed for ponies with narrow mouths.



# MANUAL RASPS

A range of quality rasps which minimize soft tissue damages and make interventions easy.

## FLOAT HANDLE (without blade)

- 20 cm smooth rubber handle
- Easy to clean
- Titanium or tungsten carbide blades sold separately
- Stainless steel

Screw-on  
blades



Stick-on  
blades



Straight incisor rasp - 30 cm  
80 mm blade



B10

Premolar rasp, 30° angle - 38 cm  
50 mm blade



B11

Premolar rasp, 20° angle - 43 cm  
50 mm blade



B12

B22

Premolar or molar rasp, 10° angle - 53 cm  
80 mm blade



B13

B23

Straight lingual & buccal rasp - 58 cm  
80 mm blade



B14

B24

Straight lingual & buccal rasp - 63 cm  
80 mm blade



B25

Upper back molar rasp (upturned head), 15° angle - 63 cm  
50 mm blade



B16

B26

6° premolar roller rasp - 43 cm  
50 mm blade



B17

Curved shaft 6° premolar roller rasp - 43 cm  
50 mm blade



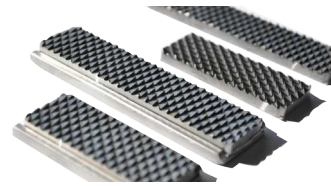
B18

# BLADES

## BLADES & INSERTS FOR RASP HANDLES

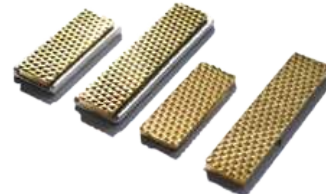
### TUNGSTEN BLADES

- Tungsten carbide blade 50 mm (to screw) REC\_V5TU
- Tungsten carbide blade 50 mm (to stick-on) REC\_C5TU
- Tungsten carbide blade 80 mm (to screw) REC\_V8TU
- Tungsten carbide blade 80 mm (to stick-on) REC\_C8TU



### TITANIUM BLADES

- Titanium blade 50 mm (to screw) REC\_V5TI
- Titanium blade 50 mm (to stick-on) REC\_C5TI
- Titanium blade 80 mm (to screw) REC\_V8TI
- Titanium blade 80 mm (to stick-on) REC\_C8TI



### TRIANGULAR INSERTS

- Tungsten insert for triangular rasp 3 grooves (unit) REC\_T3TU
- Tungsten insert for triangular rasp 4 grooves (unit) REC\_T4TU
- Titanium insert for triangular rasp 3 grooves (unit) REC\_T3TI
- Titanium insert for triangular rasp 4 grooves (unit) REC\_T4TI



## ACCESSORIES

### BAG FOR LONG RASP HANDLES

- Bag for long straight rasp 60 cm RAP\_PRDL
- Bag for short straight rasp 56 cm RAP\_PRDC



### STANDARD INSTRUMENT CASE

RAN\_MALR

- Length: 81 cm
- Width: 27 cm
- Height: 11 cm
- Protective foam

Useful to carry and protect rasps.



### MANUAL RASP HOLDER

ACC\_SUPPR



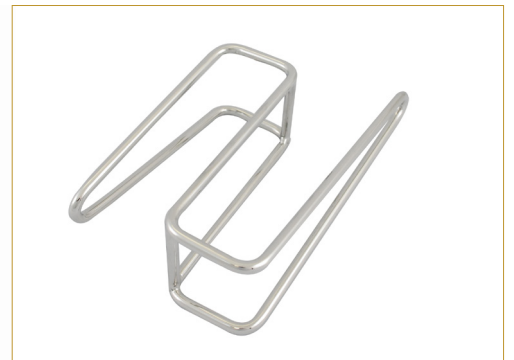
# STOMATOLOGY



### DIAGNOSTIC KIT

KIT\_DIAG

- Anti-mist dental mirror (length 47.5 cm, Ø 50 mm) with pouch
- Classic dental hook (47 cm)
- Cheek retractor
- Rinsing pistol 200 ml
- Stainless steel bucket 12 L



A kit including all essential tools to diagnose equine dental pathologies.



# STOMATOLOGY

---

## BURGESS KIT WITH OPEN INSERTS

BUR\_KIT

- 4 open inserts (Ø 6 mm, 8 mm, 10 mm, 12 mm)
- 1 handle
- 1 curved extension
- 1 straight extension
- 1 rod (inserts)
- 1 rod (extension)
- 1 Burgess instrument box



## BURGESS KIT WITH CLOSED INSERTS

BUR\_KITF

- 4 closed inserts (Ø 6 mm, 8 mm, 10 mm, 12 mm)
- 1 handle
- 1 curved extension
- 1 straight extension
- 1 rod (inserts)
- 1 rod (extension)
- 1 Burgess instrument box





# STOMATOLOGY

## BURGESS KIT (to compose)

BUR\_KITM

- 1 handle
- 1 curved extension
- 1 straight extension
- 1 rod (inserts)
- 1 rod (extension)
- 1 Burgess instrument box



Compose your own kit by choosing from the following inserts:

### CLOSED INSERTS

6 diameters (4 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14 mm)

BUR\_FE14



BUR\_FE10



BUR\_FE6



BUR\_FE12



BUR\_FE8



BUR\_FE4



### OPEN INSERTS

4 diameters (6 mm, 8 mm, 10 mm, 12 mm)

BUR\_OU12



BUR\_OU8



BUR\_OU10



BUR\_OU6



NEW

### MANDIBULAR WOLF TOOTH ADAPTOR BUR\_ADB

Although mandibular wolf teeth are found very occasionally, this adaptor will help you to extract them easily and safely.



### LECLAIR KIT KIT\_EXT

- Wolf tooth elevator n°1
- Wolf tooth elevator n°2
- Straight elevator
- Bone curette 8 mm
- Gouge forceps 45° with spring
- Curved speculum 17 cm
- Curved speculum 45° open 20 cm
- Instrument box (25 x 15 x 5 cm)



### WOLF TOOTH ELEVATORS

- 5 models: curved right, curved left and straight
- Stainless steel



STO\_ED  
15 cm

STO\_ECG  
15 cm

STO\_ECD  
15 cm



Vestibular & lingual work  
STO\_EDL  
14 cm

Rostral & caudal work  
STO\_EDL2  
14 cm

### WOLF TOOTH ELEVATORS

- Length: 15 cm
- Stainless steel

#### 3 vestibular elevators



STO\_EDL20V3.5



STO\_EDL20V5.5



STO\_EDL20V7.5

#### 3 lingual elevators



STO\_EDL20L3.5



STO\_EDL20L5.5



STO\_EDL20L7.5

Also available as a set of 6: STO\_S6EDL



Horse Dental Equipment offers a wide range of stainless steel small forceps to meet your needs.

### STRAIGHT FORCEPS CLOSED

DAV\_DBF

Length: 15 cm



### 90° FORCEPS CLOSED

DAV\_C90BF

Length: 15 cm



### CURVED FORCEPS

DAV\_CTC

Length: 17 cm



### STRAIGHT FORCEPS OPEN

DAV\_DBO

Length: 15 cm



### 90° FORCEPS OPEN

DAV\_C90BO

Length: 15 cm





### 45° FORCEPS

DAV\_C45BO

- Length: 20 cm
- Stainless steel

Its 45° head makes the wolf tooth extraction easy without soft tissue damage.  
Its length guarantees optimal comfort during extraction.



### 90° FORCEPS

- Length: 25 cm
- Stainless steel



SPECIAL LEFT  
DAV\_2590SPEWG



SPECIAL RIGHT  
DAV\_2590SPEW

NEW

### ERGONOMIC FORCEPS

DAV\_E300

- Length: 30 cm
- Stainless steel



### BONE CURETTE

- Stainless steel

- Bone curette 6 mm STO\_CUR6
- Bone curette 8 mm STO\_CUR8
- Bone curette 10 mm STO\_CUR10



### 45° GOUGE FORCEPS STO\_PG45



Its 45° angle makes access to the soft tissue around the wolf tooth easier. Allows not to be bothered by the lips nor by the mouth opener straps.

### GOUGE FORCEPS STO\_PIN



NEW

### 15° GOUGE/ BONE RONGEUR FORCEPS

STO\_PGD15

- Length: 24 cm
- Stainless steel



NEW

### 30° GOUGE / BONE RONGEUR FORCEPS

STO\_PGD30

- Length: 23 cm
- Stainless steel



### BONE RONGEUR

STO\_GOU

- Length: 29 cm
- Head diameter: 10 mm



### GOUGES

- Stainless steel
- 2 types (straight and curved)
- 3 diameters: 6 mm, 8 mm, 10 mm

#### GOUGES STRAIGHT



#### GOUGES CURVED



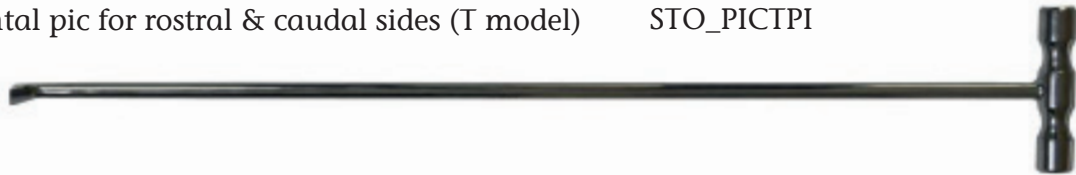
### DENTAL PIC

- Length: 46.5 cm
- Height: 4 cm
- Width of the stainless steel handle: 8 cm



Its better grip gives more strength when rotating.  
The handle acts like a visual and tactile cue while working in the horse's mouth.

Dental pic for rostral & caudal sides (T model) STO\_PICTPI



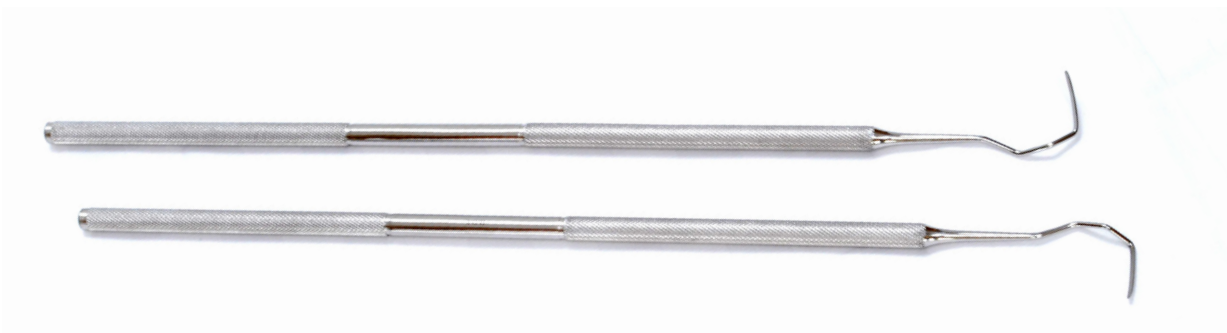
Dental pic for vestibular & lingual sides (L model) STO\_PICLPI



### DENTAL SOND

- Length: 45 cm
- 2 models: left and right
- Ideal for preparing molar extractions
- Stainless steel

STO\_SOND



STO\_SONG



### EXPLORER SOND

STO\_SE

- Allows to probe and diagnose periodontal tissues
- Total length: 41 cm
- Stainless steel



## DENTAL HOOKS

### CLASSIC DENTAL HOOK

STO\_CD

- Very resistant
- Easy to disinfect
- Length: 47 cm
- Height of the hook: 2 cm
- Stainless steel



### DENTAL HOOK - SMALL MODEL

STO\_CDF

- Total length: 41 cm
- Diameter of the hook: 2 cm
- Stainless steel



Allows to curette vestibular parts before extraction and to eliminate interdental residues.

### CAPPS FORCEPS

DAV\_DL

- Length: 40 cm
- Stainless steel



Its ergonomic handle and adjusted head ease the extraction of milk teeth.

### MOLAR SPREADER

DAV\_ESPI

- Length: 53.5 cm
- Stainless steel



This instrument loosens the molar to extract by leaning on the adjacent molars.

### MOLAR FORCEPS WITH SCREW

DAV\_MV

- Total length: 53.5 cm
- Possible height: from 1.5 to 3.5 cm
- Stainless steel



Thanks to its adjustable screw which acts like a lever, this forceps ensures better comfort during molar extraction.

### MOLAR FORCEPS WITHOUT SCREW

DAV\_M

- Total length: 53.5 cm
- Stainless steel



### FULCRUM

- Length: 43 cm
- Stainless steel handle brass inserts
- 2 different models



Fulcrums are used as a lever for the molar forceps. During extraction, the different sizes and shapes will help remove the molar without difficulty.

### 4-ROOT MOLAR FORCEPS

DAV\_F4ML

- Length: 53.5 cm
- Weight: 1.8 kg
- Stainless steel

Easily extract molars thanks to its specially-designed angles.



### 3-ROOT MOLAR FORCEPS

- Length: 53.5 cm
- Weight: 1.8 kg
- 2 different models (right and left)
- Stainless steel



#### ON-SIDE MODEL (RIGHT)

DAV\_F3B



#### OFF-SIDE MODEL (LEFT)

DAV\_F3BG



Its three-point grip is perfect for removing triangular fragments.

The side with the two points is positioned on the left or the right side of the tooth (depending on the forceps) and the other on the fractured side.

### 2-ROOT FRAGMENT FORCEPS

DAV\_F2M

- Length: 53.5 cm
- Weight: 1.8 kg
- Stainless steel



A forceps with 2 long teeth for small molars fragments.

The diameter and length of its teeth capture and remove fragments within the tooth socket.

NEW

### ALLIGATOR FORCEPS

STO\_PA

- Length: 39.5 cm
- Pic length: 4 cm
- Stainless steel



To extract food and teeth residue in interdental spaces.

### DENTAL MIRROR WITH POUCH

STO\_MI

- Length: 47.5 cm
- Diameter: 50 mm
- Angle: 25°
- Anti-mist mirror
- Stainless steel



### DENTAL MIRROR - SMALL MODEL

STO\_MDD40

- Length: 41 cm
- Diameter: 44 mm
- Angle: 25°
- Anti-mist mirror
- Stainless steel





### INSTRUMENT BOX

ACC\_BI

- Dimensions in mm (L x W x H): 250 x 150 x 50
- Weight (empty): 0.7 kg
- Stainless steel



### WOLF TOOTH NERVE BLOCK SYRINGE - 25 cm \*

- Syringe for cartridges 1.8 ml ACC\_SAL251.8
- Syringe for cartridges 2.2 ml ACC\_SAL25



Ideal for administering local anesthetic for nerve block prior to wolf tooth extraction.  
(Needle and local anesthetic not included)

### GENERAL / MANDIBULAR NERVE BLOCK SYRINGE - 40 cm \*

- Syringe for cartridges 1.8 ml ACC\_SAL401.8
- Syringe for cartridges 2.2 ml ACC\_SAL40



Ideal for administering mandibular local anesthetic for nerve blocking and general nerve block prior to extraction.  
(Needle and local anesthetic not included)

### MALLET

STO\_M

- Length: 16 cm
- Diameter: 4 cm
- Weight: 0.9 kg



### NEW

### MALLET WITH INTERCHANGEABLE INSERTS

STO\_MEI

- Length: 17 cm
- Diameter: 2.6 cm
- Weight: 0.320 kg



### SET OF 3 TREPHINES

STO\_K3I

- 3 diameters: 19 mm, 22 mm, 25 mm
- Stainless steel



# MOUTH-OPENERS & ACCESSORIES



# MOUTH-OPENERS

## OPTIMUM MOUTH-OPENER (without plates) OB\_OPT

- Weight: 3.4 kg (with plates)
- Opening: 15.5 cm
- Biothane straps
- Stainless steel



Safety & comfort: 29 safety catches and wide arms ensure optimum comfort for the patient and practitioner.





# MOUTH-OPENERS

## STANDARD MOUTH-OPENER (without plates)

OB\_STA

- 6 safety catches
- Weight: 3 kg
- Biothane straps
- Stainless steel

Also suitable for young horses up to 2 years old.



## PONY MOUTH-OPENER (without plates)

OB\_PON

- 5 safety catches
- Weight: 2.3 kg
- Opening: 7 cm
- Biothane straps
- Stainless steel



## PONY MOUTH-OPENER PLATES

OB\_PLAP





# MOUTH-OPENERS

---

## WWE MOUTH-OPENER 605 4025 MATT FINISH OB\_MATT

- WWE Speculum
- Sold with WWE plates and HDE biothane straps
- Opening : 6 safety catches
- This is hardened tool grade stainless steel speculum
- Weight: 2.15 kg (without plates)



## WWE MOUTH-OPENER MILLENIUM 605 2000 (PLATES CAN BE SOLD SEPARATELY) OB\_MILL

- WWE Speculum
- Sold with WWE plates and HDE biothane straps
- Opening : 29 safety catches
- Weight: 2.05 kg (without plates)



# MOUTH-OPENERS

## INCISOR MOUTH-OPENER

OB\_INC

- Flexible PVC pipe
- Adjustable strap



- For incisor work
- Easy to install and very comfortable for the horse

## OPTIMUM & MILLENIUM ARCH SPREADER

OB\_ARCE



## LATERAL MOUTH-OPENER

OB\_LAT

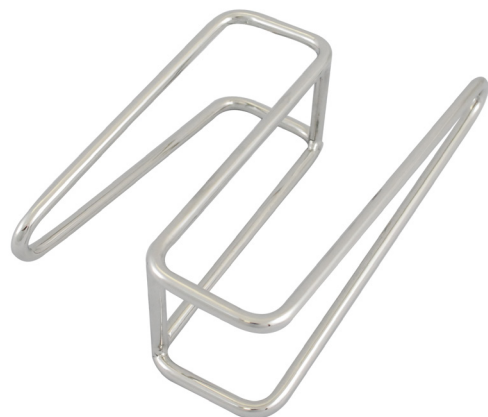
- Weight: 0.4 kg
- Length: 30 cm
- Diameter of the nylon piece (small): 3.5 cm
- Diameter of the nylon piece (large): 4.5 cm



## CHEEK RETRACTOR

OB\_RJ

- Weight: 0.25 kg
- Height: 17 x 10 x 5 cm



For better visibility during diagnosis before and after the intervention.

# MOUTH-OPENERS

Our plates can be used with Optimum & Standard mouth-openers - Stainless steel.

## CLASSIC PLATES

Standard  
OB\_PLAC



Large  
OB\_PLAL



As for the arch spreader, these plates make work on the vestibular part easier.

## INCISOR MALOCCLUSION PLATES

Standard  
OB\_PLABC



Large  
OB\_PLABL



Large surface tooth plates for easy access on horses with incisor malocclusions.

INCISOR PLATES  
OB\_PLAI



Specially designed for safe work on incisors.

# ACCESSORIES

## SURGICAL LAMP HEADLAMP WITH CARRYING CASE

ACC\_LCV3

- Autonomy up to 4 hours
- Rechargeable battery (charging time around 4 hours)
- Working distance: 420 mm
- LED: 3 W / 60 000 lx
- Luminous intensity: 5500 Kelvin
- LED lifetime (50 000 hours)
- Lamp's weight: 280 g
- Delivered in a carrying case



This surgical headlamp is easy to use, lightweight and wireless. Adjustable height and focusable lamp which ensures optimal lighting in the horse's mouth.

## MAGNETIC LAMP

OB\_LOBV5

- Integrated magnetic holder
- Enhanced connections
- Battery autonomy: 12 hours
- Light charge: 130 lx
- Angle: 170°



## RECHARGEABLE LED HEADLAMP

ACC\_LFLV2

- 1 washable elastic headband
- 1 battery, 1 power adapter, 1 USB charger
- Integrated battery status by color system
- Autonomy up to 60 hours
- Charging time: 5 hours
- Luminous intensity up to 300 lx
- Total weight: 165 g



The new LED rechargeable headlamp is brighter, smarter, more durable and comfortable than the "standard" H7R version.

Can be used with 4 alkaline batteries AAA.



# ACCESSORIES

The Hydrojet II is the essential tool for every equine dental practitioner interested in a versatile instrument for the efficient flushing of diastemas as well as the rinsing of the mouth.

**NEW**

## HYDROJET II

ACC\_SHJ2

The Hydrojet II includes the following:

- Hydro Jet II with battery and charger
- Rinsing nozzle
- Diastema nozzle
- 6-meter water tube
- 1-liter bottle
- Slim carriage bag



The Hydro jet II has been completely redesigned for easier work with several new smart features:



Fast & easy brass nozzle connectors



Water flow regulation from 0,75 to 1,5 liter/minute



Battery level indicator



Curved rinsing nozzle



Rounded-off diastema tip



Battery moved on the top

## CHARACTERISTICS:

- Waterpressure: 7 bars
- Battery usage time: 2 hours of continuous use
- Battery charging time: 1,5 - 2 hours
- The diastema nozzle is perfect for flushing diastemas and removing interdental food residues. Its length and shape allow easy access in the back of the mouth.
- The rinsing nozzle is for general mouth cleaning all along the different dental treatment stages. Its specific curved shape naturally fits the mouth.



# ACCESSORIES

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## RINSING PEAR

ACC\_POIR

- Capacity: 275 ml



## RINSING PISTOL

ACC\_PR200ML

- Capacity: 200 ml



## RINSING SYRINGE

ACC\_SERIN

- Capacity: 400 ml

ACC\_SR600ML

- Capacity: 600 ml



## STAINLESS STEEL BUCKET

ACC\_SI12L

- Capacity: 12 L
- Protective rubber layer on the bottom of the bucket
- Stainless steel



# ACCESSORIES

## DENTAL CHART

ACC\_BSDF

- 100 dental sheets (50 sheets of carbon paper)
- All necessary dental care on a detailed chart

Also available:

- In Spanish ACC\_BSDESP
- In French ACC\_BSDF
- In German ACC\_BSDALL



## «DENTISTERIE ÉQUINE» BOOK

ACC\_LDE

- Authors: Holger Schlemper - Isabell Herold  
Tilman Simon
- Size: 21 x 30 cm
- Pages: 184
- Publication year: 2014
- Language: French
- Editor: "Point Vétérinaire - Collection Atlas"



## DENTAL PASTE

STO\_PDD

- Dental paste for diastema filling
- Includes 2 components to mix



## MAGNETIC HOOK

ACC\_CA

- Stainless steel
- Max: 10 kg



# ACCESSORIES

NEW

## PREMIUM MASK

ACC\_KHM

- Kit including a mask and 3 rolls of 70 sheets for 100 days of filtration (change filter every 3 hours)
- Surgical quality protection
- Washable and reusable
- High performance filtration
  - 3  $\mu\text{m}$  --- 99.6 %\*
  - 1  $\mu\text{m}$  --- 99.3 %\*
- Optimum tightness and ergonomomy



NEW

## PREMIUM PROTECTIVE KIT

ACC\_KHP

Protective kit including:

- 1 Multi-compartment bag
- 2 Hydro-alcoholic gel 250 ml
- 3 Protective face shield
- 4 Hydro-alcoholic spray 200 ml
- 5 5 masks - washable up to 10 times at 60°C
- 6 5 clothes - washable up to 50 times at 60°C



NEW

## STANDARD PROTECTIVE KIT

ACC\_KHS

Protective kit including:

- 1 Multi-compartment bag
- 2 Hydro-alcoholic gel 250 ml
- 3 Hydro-alcoholic spray 200 ml
- 4 3 masks -washable up to 10 times at 60°C
- 5 Cloth - washable up to 50 times at 60°C



# ACCESSORIES

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## TUNIC

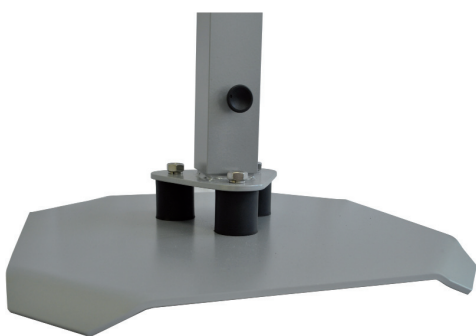
- Size 1 to 6: ACC\_TT1 to ACC\_TT6
- Customized embroidery upon request



## OSCILLATING HEAD STAND

ACC\_STO

- Weight: 5.45 Kg
- Height min-max: 111-180 cm
- Width of the headrest: 50 cm
- Aluminum
- Washable and removable cover



Thanks to its oscillating system, the column follows the horse's moves, avoiding any risk of injury.

# CLEANING RECOMMENDATIONS

You have purchased quality professional equipment.  
Please find hereafter some advice on how to optimize its use and longevity.

## GENERAL RECOMMENDATIONS

- Make sure each aspect of your equipment is always clean & dry before storage.
- HDE recommends at least 1 annual overhaul (or every 500 horses) of your complete equipment in an approved technical center\*.
- HDE does not cover damages caused by the use of bleach.
- Find all of our recommendations in our products' instruction manuals.

## DIAMOND BURRS



- 1 - Start the engine with the handpiece attached.
- 2 - Run it at high speed with the head pointing down to remove any remaining water.
- 3 - Clean the diamond burr by running it over the HDE stainless steel brush.
- 4 - Continue until the remains of dentine have completely disappeared.
- 5 - Clean with a cloth moistened with clean water and a disinfectant.
- 6 - Thoroughly dry with a clean, soft cloth.
- 7 - Store the burr in its dedicated place within your clean, dry case.

The burr is resistant to water projection, do not fully immerse in water.  
Always use clean water without corrosive nor abrasive products.  
Only use the HDE stainless steel brush.

## DRIVE SHAFT

- 1 - Clean the outside sheath with a damp sponge.
- 2 - Dry thoroughly with a clean, soft cloth.
- 3 - When finished working, detach the drive shaft from the engine and the handpiece.
- 4 - Store the drive shaft in your clean, dry case.

Ensure not to bend the drive shaft in an excessive radius of curvature.



## ENGINE

- 1 - Turn off the engine before cleaning.
- 2 - Clean the engine with a damp sponge.
- 3 - Thoroughly dry the engine with a clean, soft cloth.
- 4 - Store the engine in your clean, dry case.

HDE recommends to use the engine at medium speed (speed 3).

## CASE

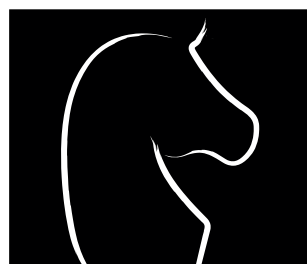
- 1 - Clean the case with a damp sponge.
- 2 - Thoroughly dry the case with a clean, soft cloth.
- 3 - Store in a clean and well ventilated place.

Make sure the case is opened from time to time,  
to ensure your equipment is well ventilated.





# DISCOVER OUR NEW WEBSITE!



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