

N2 (UK) Ltd



Veterinary Supplies

UNIUM™

Small Bone and
Trauma Platform

CONNECT WITH POWER

Product Brochure



UNIUM™ System

Small Bone and Trauma Platform

Designed with a commitment to ergonomics, reliability and efficiency, so the focus remains on the patient, without distraction.^{2,3}

One system for use in trauma, sports medicine, spine and cardiothoracic surgery.²



Ergonomics

Improved comfort and control^{2,4}

- Intuitive user interfaces, fast set-up²
- Compact design – lower weight and reduced size^{2,3,5}
- +18% power for demanding procedures³
- Well-balanced and natural fit in the hand²

Reliability

Extended lifespan for decreased cost of repair and waste⁶

- Electronics protected from reprocessing⁶
- Long-lasting Li-Ion battery⁷
- Powerful and durable brushless motor³
- High quality materials

Efficiency

The Power of One: simplicity and cost efficiency²

- One Power Tool for Small Bone and Trauma applications²
- One Power Unit drives both handpieces
- One set of cutting tools, attachments and a charger that are backwards compatible
- One tool for synergies in reprocessing, education and service²

* Compared to Colibri II / SBD II

UNIUM™ System

Stronger, Lighter and More Versatile*⁵

+18%

Increased Power*

for demanding procedures with improved torque/speed ratio³

-19%

Lower Weight*

for more comfort and balance^{4,5}

100W sterilizable brushless motor
for enhanced performance*³

Easy to use click-in connection²
of the reciprocating saw blade and top for sternum

Active mode
visible when operating

Stainless steel quick coupling
for enhanced durability*⁸
Compatible with all Colibri II / SBD II attachments and tools

One-finger mode switch
to effortlessly change between off, on and forward-only modes

Centered triggers
provide tactile response and speed control²

Trigger mechanism
in line with industry standard

Battery level indicator
for intraoperative check



Reciprocating Saw



Modular Handpiece



* Compared to Colibri II / SBD II

UNIUM™ Power Unit Technology

Tested to function for a minimum of 1,000 charging cycles^{9*}, the innovative UNIUM Power Unit Technology is designed for increased reliability, longer lifetime, sustainability and cost effectiveness.^{6,10}

The Power Unit incorporates the Electronic Control Unit (ECU) that is traditionally included in the handpiece, in the battery casing/pack.

The nonsterile Power Unit can be securely inserted into the handpiece using an aseptic transfer technique, preventing the temperature/humidity sensitive parts (battery cells and Electronic Control Unit) from being exposed to lifetime limiting stress resulting from cleaning and sterilization processes.^{6,10}

>1,000
use and charging cycles^{9*}

Electronic Control Unit

Latest technology in high power Li-Ion battery cells offer suitable battery capacity for intended surgical application⁷

The Power Unit technology may result in decreased costs by a potential reduction in overall system failure rate, down-time, replacement or repair frequency and reprocessing.⁶

The Power Unit high capacity and reliability reduce the risk of requiring intraoperative battery change.^{2,6}



Aseptic transfer technique was shown safe and effective when performed according to the instructions for use by an independent laboratory.¹⁰



Battery level indicator visible at any time before, during and after surgery on the Power Unit and through the bottom of the handpiece









Power Unit is compatible with existing Universal Battery Charger II**

* one cycle being defined as one surgical use followed by one charging cycle

** In order for the Power Unit to be recognized and charged by the UBC II, a minimum of firmware 16.0 is required.

UNIUM™ Modularity

Comprehensive Portfolio of Attachments and Cutting Tools³

Kirschner Wire	For Kirschner Wires 0.6 to 3.2 mm Redesigned to have a more tapered front -end and higher speed* ⁵	
Drill	AO/ASIF, Square and Trinkle Quick Coupling, Jacob's Chuck Radiolucent Drive	
Ream	Redesigned smaller and lighter reaming attachments with reverse motion ¹¹	
Screw	AO/ASIF coupling Square Quick Coupling, High torque (Tap/Screw)	
Burr	Attachment is compatible with Small Bone Small Torx coupling burrs, sizes Medium (M) and Long (L)	
Saw	Oscillating Saw Attachment for sagittal and parallel saw blades Oscillating Saw Attachment II for crescentic or angled saw blades For Large Oscillating Blades	

* Compared to Colibri II / SBD II

UNIUM™ Sternum Solutions

Reciprocating Saw Handpiece for Primary Sternotomy



Top for sternum
provides adequate stability² during the sternotomy

Primary sternum opening saw blades
available in two different thicknesses

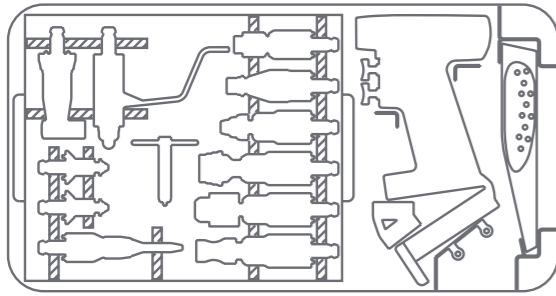
Round-shaped sternum guard
designed for soft tissue protection²

Modular Handpiece and Saw Blades for Sternum Re-Opening

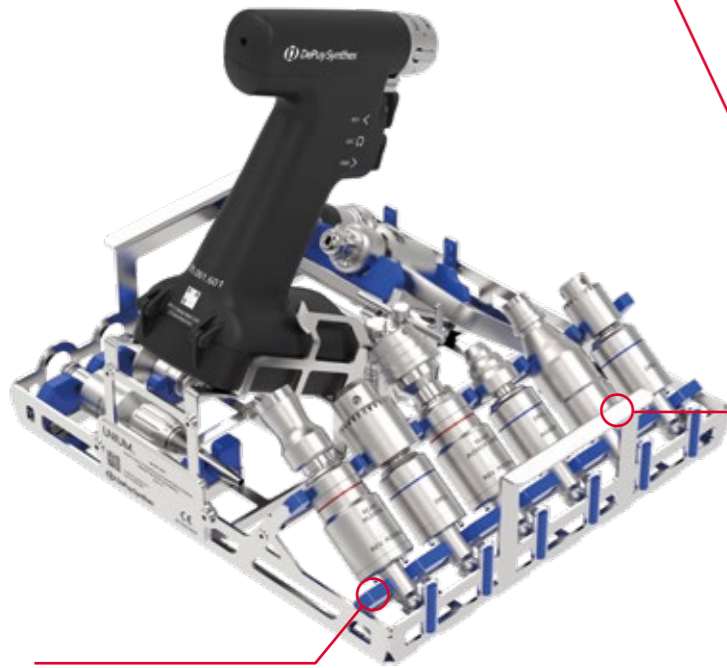


Sternum re-opening saw blades
available in five different designs

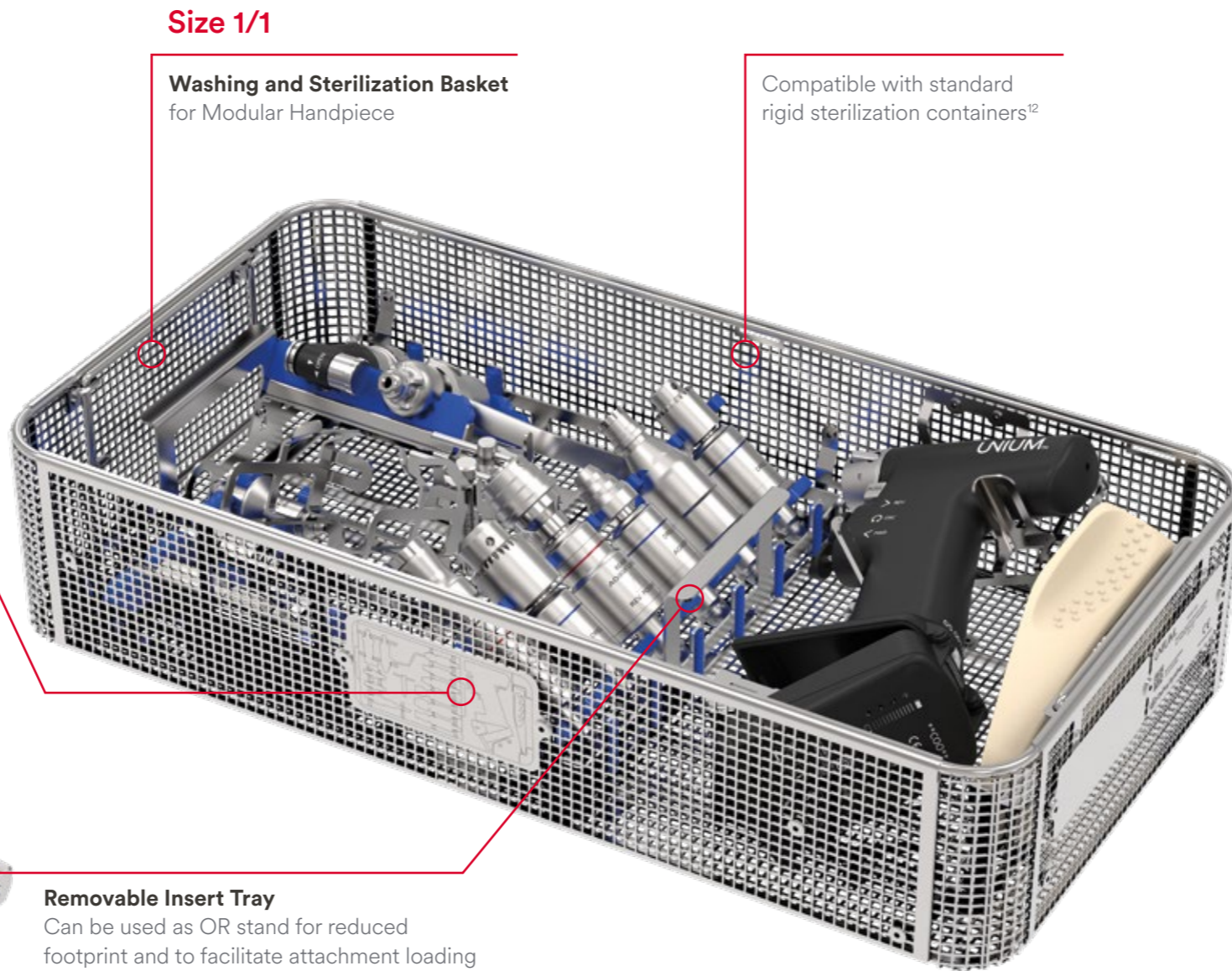
Advanced Cleaning Solutions



Loading Plan
attached to the basket



Silicone bracket
designed for secure placement²



Size 1/1
Washing and Sterilization Basket
for Modular Handpiece

Compatible with standard rigid sterilization containers¹²

Removable Insert Tray
Can be used as OR stand for reduced footprint and to facilitate attachment loading



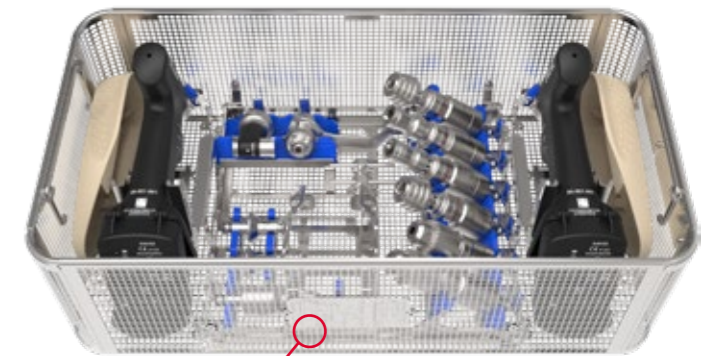
Lid
available optionally



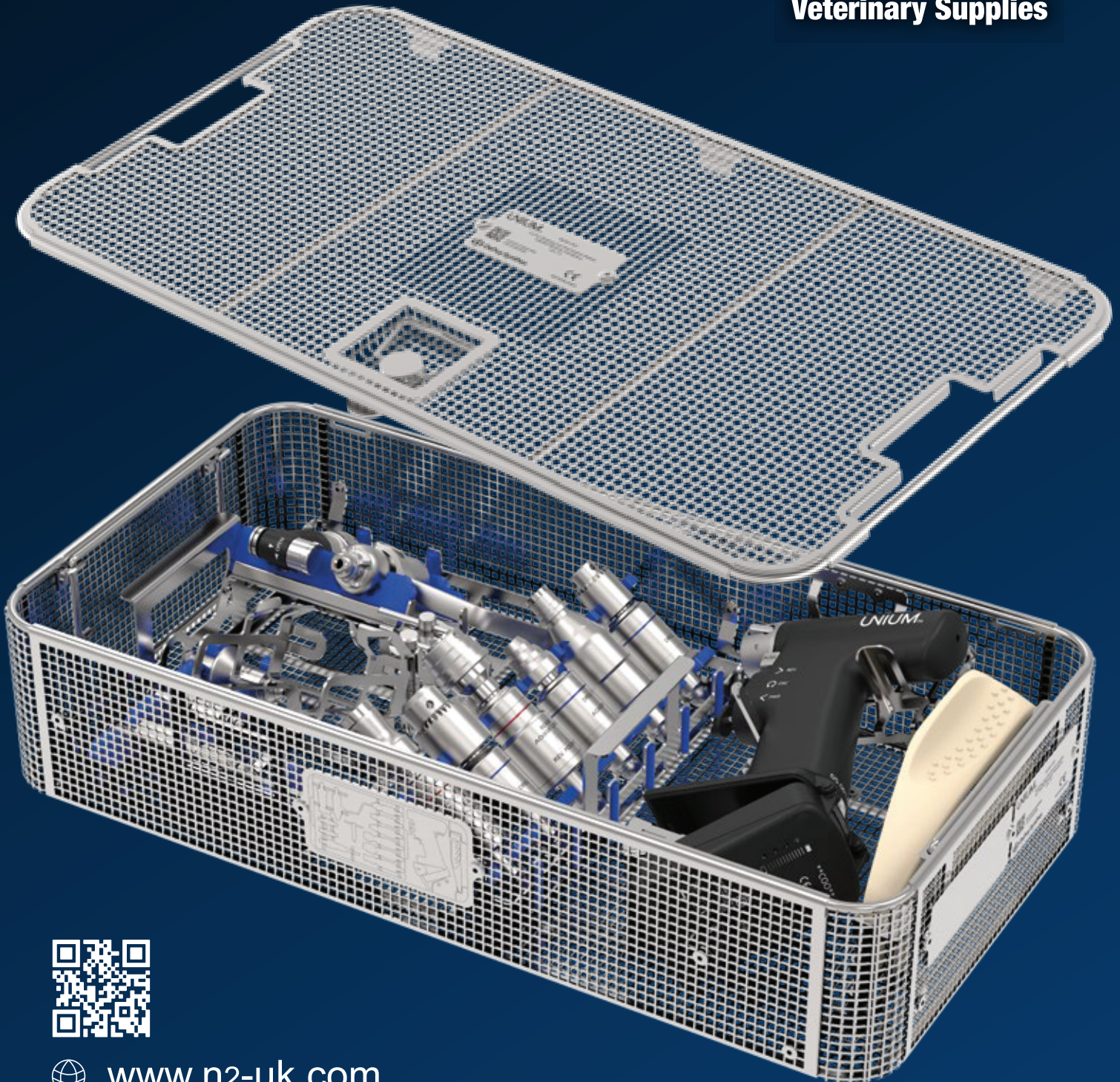
Size 1/2
Washing and Sterilization Basket
for Reciprocating Saw Handpiece



Size 1/3
Washing and Sterilization Basket
for Modular Handpiece



Size 1/1
Washing and Sterilization Basket with insert tray
for two Modular Handpieces



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