



KAIRison[®] Pneumatic Bone Punch

A revolutionary bone punch designed to benefit the surgeon

ENVISION THE EXTRAORDINARY™



AESCULAP[®]

KAIRison[®] Pneumatic Bone Punch



The problem

Strenuous manual work and excessive strain

Spine surgery requires total concentration and considerable strength. This is particularly true when the surgeon has to remove significant amounts of bone material, for example in vertebral canal stenosis or decompression procedures.

Time for a change

Until now, rapid fatigue and hand, joint and arm pain have been unwelcome but constant companions for Spinal Surgeons, Orthopedists and Neurosurgeons. The time has come to rethink the traditional kerrison bone punch.



The solution

KAIRison® Pneumatic Bone Punch

Pneumatics, the use of pressurized air to effect mechanical motion, is widely used in science, medicine and industry. This surgical instrument technology is designed to be simple, robust and easily available.

Tried and trusted

Pneumatic kerrisons have been designed to be safer and provide more reliable tissue penetration than traditional kerrisons. This innovative tool is built to enable effortless, smooth punching.

KAIRISON® Pneumatic Bone Punch



The benefits

- Built for easy handling
- Designed to relieve strain on hands and joints
- Pneumatics may reduce the physical effort required by the surgeon
- Designed to provide sharp and reliable tissue penetration
- Innovative safety mechanism intended to prevent injury to surgeon and OR staff
- Short learning curve due to three-step assembly and design similarity to manual kerrison
- Ergonomically designed to provide balance in the hand
- Suitable for right- or left-handed use
- Only pneumatic-powered kerrison device on the market





To lock and open



Designed for quick and easy shaft replacement.

Safety first



Apply the safety latch to block the trigger mechanism when cleaning the punch and prevent inadvertent actuation.¹

ON and OFF



When the bone punch is not in use, deactivate the system via the on/off switch to prevent accidental operation.

Complete control



There are two power settings. For positioning the bone punch, apply light pressure to the trigger and stop when you meet resistance. To cut bone, apply full pressure to the trigger. Release the trigger to stop the flow of air at any time and return the bone punch to its original position – without punching.

Air on tap



Simply connect to the existing nitrogen outlet in the O.R.

KAIRison® Pneumatic Bone Punch

Ready for use in just three steps*



- 1** | Connect the hose to the nitrogen outlet in the OR. Then connect the disposable tubing to the pressure reducer and handle.



- 2** | Insert the shaft and lower towards the handle until you hear it click into place. Please check the shaft is positioned correctly (arrows aligned).



- 3** | Switch the KAIRison Pneumatic Bone Punch on. It is now ready to use.

Designed for intuitive shaft replacement*



- 1** | Pull the lever (1) and turn the shaft (2).



- 2** | To detach the shaft just lift it up.



- 3** | Insert the new shaft (1) and lower towards the handle until you hear it click into place (2).

*Please refer to IFU for complete instructions for use.

Item No.

- FK899R KAIRison Pneumatic Bone Punch handle
- FK898R Pressure reducer
- FK887R Bracket for pressure reducer
- FK898215 Rubber Cap, small
- FK898214 Rubber Cap, large



Bracket for pressure reducer



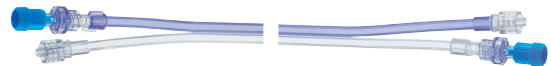
Pressure reducer



Length	Item No.	Width	Footplate	Jaw opening	Ejector	
235 mm	FK882R	2 mm		standard	12 mm	✓
	FK883R	3 mm		standard	12 mm	✓
	FK884R	4 mm		standard	12 mm	✓
	FK885R	5 mm		standard	12 mm	✓
	FK886R	6 mm		standard	12 mm	✓
	285 mm	FK892R	2 mm		standard	12 mm
FK893R		3 mm		standard	12 mm	✓
FK894R		4 mm		standard	12 mm	✓
FK895R		5 mm		standard	12 mm	✓
FK896R		6 mm		standard	12 mm	✓

FK888SU

Disposable high pressure tube set (3 m)
Sales unit: PAK = Package of 10 tubes



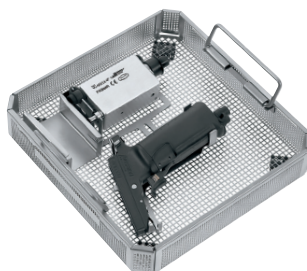
GA468

Pneumatic hose (5 m) with Aesculap-Schrader connection



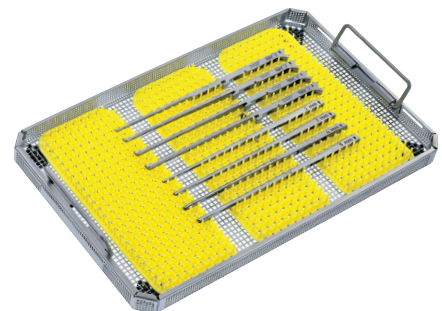
FK881R


Storage rack for KAIRison handle and pressure reducer



FK891R

Storage rack for KAIRison shafts





Through collaborative
excellence we will improve the
quality of a patient's life and
meet the needs of the changing
healthcare environment.

1. Maroon JC, El-Kadi M, Bost J. Pneumatic Kerrison rongeur: technical note. *Surgical Neurology*. 2009;71(4):466-468. doi:<https://doi.org/10.1016/j.surneu.2008.10.008>

See Instructions for Use for complete indications, including Contraindications, Warnings and Precautions.
Rx only.

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