PICCOWASP SURGICAL MICRODRILL

Micro drill with pinch/pistol grip for various, mainly spondylo-surgical and neurosurgical, but also other surgical applications.

An innovative and unprecedented solution for a single-use, cordless, variable drill/milling machine for medical purposes, targeted primarily at head and spine surgery. With its weight of approx. 200g and pinch/pistol grip, it meets the requirements for precision handling and use in delicate work such as neurosurgery or spondylo-surgery. The wireless solution is space unrestricted and is an advantage in applications using surgical robotics. The disposability meets the highest sterility requirements and the immediate readiness without charging is an advantage in emergent uses or in combat conditions.

Unique selling points:

- Ultralight, wireless solution that does not restrict movement in the operating field.
- Disposable, highest sterility and safety.
- Pinch grip – very precise handling / pistol grip for more powerful applications.
- Two-speed, suitable for drilling and milling bone.

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Product

Surgical microdrilling machine

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation