K-Wire Driver (Drill) instruction manual

REF SP-002-1K1

General Description

The SMX-SU4000K is a battery-operated drill used in orthopaedic casualty departments for inserting K-wires of a diameter from 0.5 to 2 millimetres.

This pack includes: 1 Power K-Wire drill unit
1 Transfer (Funnel)
1 Instruction Manual

Read the operating instruction carefully before use. Failure to follow may cause damage or injuries.

⚠ Caution

International law restricts this device to sale by or on the order of a physician.

⚠ Warnings

Excessive heat is the most likely cause of patient injury. Any power instrument is subject to overheating, especially in the nose section. Even normal operation of the system in cycles other than 2 minutes "ON", and then allowing the handpiece to cool to room temperature, may cause the handpiece to become hot.

Indications

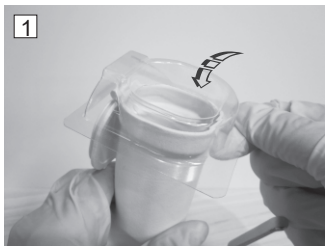
Fixation of small bones fractures (eg, hand and foot)

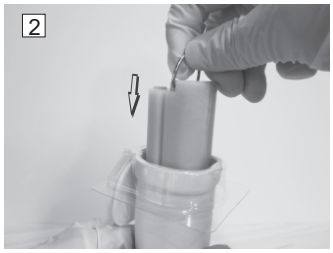
Contraindications

Diaphyseal fracture
Multifragmentary fracture

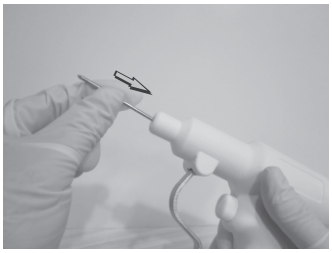
Instructions for Use

1. Peel open the pack and remove all of the items.
2. **Sterile Person-** Open the cover and put the transfer (funnel) on top. D G
3. **Non-Sterile Person-** Insert the battery pack and take the transfer (funnel) out of the battery chamber. F G
4. **Sterile Person-** Close the cover. D

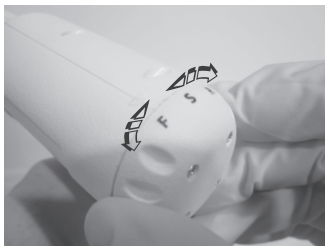




5. Install the necessary accessories, such as different specifications of k-wire. A



6. Turn the rotation button C . "F" means forward rotation; "R" means reverse rotation; "S" means stop / OFF. Depress variable speed trigger B and crank E to operate handpiece.



7. Battery Pack Removal:

- Rotate the button to "S" / OFF mode C, depress the latch and pull battery pack out of the handpiece. D F
- Always remove battery pack when not in use.

Specification

- Rotation: Forward / Reverse
- Speed: 500 RPM
- Torque: 2.0 Nm
- Capacity: 0.5-2 mm
- Weight: 380 grams (hand piece with battery power)

Trouble Shooting

Problem	Solution
Power to K-Wire Driver (Drill) / Loss of efficiency	Check the battery and ensure that it is fully charged before each operation.

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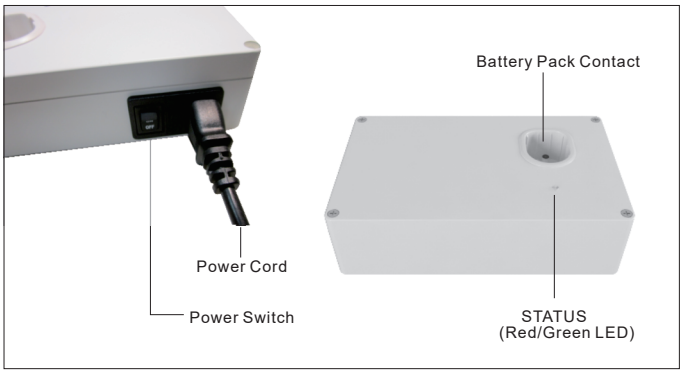
Accessories
Battery Pack Charging

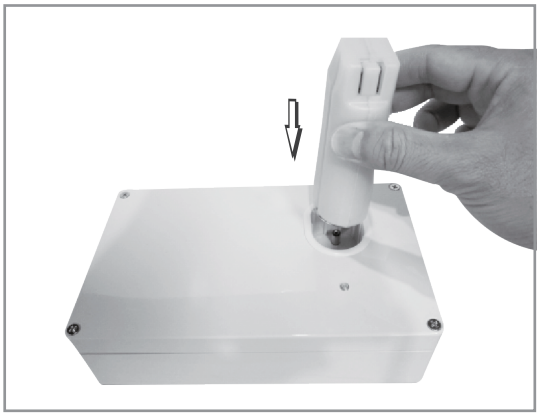
LED Indicator Signal Table

	STATUS (Red/Green LED)
Stand-by (Battery Pack Disconnected)	Constant Green
Battery charging	Constant Red
Battery fully charged	Constant Green
Battery fault	Flashing red

First use:
Please charge the battery pack until the LED turns GREEN.



1. Plug one end of the AC power cord to the charger, and the other end to the electrical outlet. Press the ON switch. The power LED will turn GREEN indicating that the charger has passed the power-on test.
2. Connect the Li-Ion battery to the charger contact. The LED will turn to constant RED to indicate that the charging has started.



3. The LED will stay RED whilst charging, and will turn GREEN once fully charged.

Charger Specifications

1. Input:100~240VAC, 50/60 Hz.
2. Output : ⎓ 4.2V / 2A DC.
3. Charger output: The charger is preset by factory for charging 1 cells Li-Ion battery pack.

⚠ Caution:

1. Ensure the battery pack is compatible with the charger before connecting.
2. Never use this charger to charge a non-rechargeable battery.
3. DO NOT dispose battery in fire.

⚠ Warnings

- Sterile only if package is unopened and undamaged.
- Ensure that the device is disposed of safely and in accordance with all current national and international waste disposal directives.
- Store in a cool dry place.
- Single use only! DO NOT Re-sterilize!

Please dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment).

Labeling Symbols

- Consult operators manual
- Warning / Caution
- Do not use if pack is opened or damaged
- Do not reuse
- Keep dry
- Storage temperature range
- Sterilized by ethylene oxide / Do not re-sterilise
- Recycle Li-Ion battery
- Catalog Number
- Batch Code
- Serial number
- Complies with EU directives
- Manufacturer
- Authorized Representative in the European Community
- Direct Current
- Use by Date
- Premature unpacking warning
- Type BF applied part
- Date of manufacture
- Medical Device
- European Union WEEE Directive Logo

EC REP **MedNet EC-REP GmbH**
Borkstrasse 10, 48163 Muenster,
Germany.

Dongguan Kaiser Technology Co.,Ltd.
No.81 Sanjiang Industrial District,
523462 Hengli Town, Dongguan,
Guangdong, CHINA

MD CE 0197 Li-Ion