In care for highest quality of offered products and services, Metrum Cryoflex reserves the right to modify products and introduce changes in descriptions.
Cryoneurolysis (cryolesion, cryoablation, cryoanalgesia) is a therapeutic method basing on temporary disruption of neural and motor functions of some parts of the nerve system using extreme cold. Cryolesion is gaining acceptance as an innovative method in pain relief. It bases on the process of analgesia, during which ice crystals created by a cryosurgery device destroys the elements of the nerve tissue carrying pain information. Cryoablation does not damage nerve structures permanently that is why nerve tissues can regenerate slowly with no risk of post-procedural neuritis. The method is safe and minimally invasive, recommended especially when conservative means proved to be ineffective.

State-of-the-art cryosurgical device manufactured by Metrum CryoFlex is the next generation of device used by many experts in the field since 1992. Cryo-S Electric II PAINLESS is controlled by microprocessor, and all the parameters are displayed on LCD screen.

- Mode selection, cleaning the cryoneedle and freezing can be performed automatically using footswitch or touch screen, so that the site of a lesion remains sterile.

- Electronic communication (chip system) between main device and connected cryoneedle. Unit recognizes optimal operating parameters and auto-configures to probe characteristics.

- Gas pressure and flow are set automatically, manual adjustment is not necessary.

- Contains automatic probe cleaning system and two freezing modes (continuous and discontinuous).

- Temperature of the probe, pressure, gas flow and time of the procedure are displayed during freezing.
**REUSABLE CRYONEEDLES (ANGULAR)**

**type: A-13/120/T/RF** facet joints in cervical spine, cryoanalgesia of peripheral nerves

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>fixed, triangular tip</td>
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<td></td>
</tr>
<tr>
<td>fixed, triangular tip, neurostimulation</td>
<td>order/ref. no. N 1 6 1312 0 0</td>
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**type: A-13/120/R/RF** facet joints in cervical spine, cryoanalgesia of peripheral nerves

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</tbody>
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PAIN MANAGEMENT

REUSABLE CRYONEEDLES (ANGULAR)

type: G-30/2/RF
facet joints in thoracic, lumbar, sacral and iliosacral spine, cryoanalgesia of peripheral nerves, Ø2mm

<table>
<thead>
<tr>
<th>fixed, triangular tip</th>
<th>order/ref. no. 1 6 3002 0 0</th>
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<td>fixed, triangular tip, neurostimulation</td>
<td>order/ref. no. N 1 6 3002 0 0</td>
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Ø 2mm (14GA) freezing tip ~10mm
150mm
triangular tip

type: G-30/RF
facet joints in lumbar, sacral and iliosacral spine, cryoanalgesia of peripheral nerves, Ø3mm

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<tr>
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<td>order/ref. no. N 1 6 3003 0 0</td>
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Ø 3mm (12GA) freezing tip ~10mm
150mm
triangular tip
REUSABLE CRYONEEDLES (STRAIGHT)

**type: A-08/20/N/RF**

Microcryoneedle for cryoanalgesia, e.g. supraorbital, infraorbital, intraoral, mental, ariculotemporal, occipital nerve (20mm)

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<tbody>
<tr>
<td>fixed, round tip</td>
<td>0 6 0802 1 0</td>
</tr>
<tr>
<td>fixed, round tip, neurostimulation</td>
<td>N 0 6 0802 1 0</td>
</tr>
<tr>
<td>detachable, needle tip, neurostimulation</td>
<td>N 0 6 0802 2 1</td>
</tr>
</tbody>
</table>

**type: A-08/20/N/RF**

Microcryoneedle for cryoanalgesia, e.g. supraorbital, infraorbital, intraoral, mental, ariculotemporal, occipital nerve (90mm)

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<tr>
<td>fixed, needle tip</td>
<td>0 6 0809 2 0</td>
</tr>
<tr>
<td>fixed, round tip</td>
<td>0 6 0809 1 0</td>
</tr>
<tr>
<td>fixed, needle tip, neurostimulation</td>
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PAIN MANAGEMENT

REUSABLE CRYONEEDLES (STRAIGHT)

**type: A-13/120/R/RF**
facet joints in cervical spine, cryoanalgesia of peripheral nerves

- **detachable, round tip, neurostimulation**
  - order/ref. no. N 0 6 1312 1 1
- **fixed, round tip**
  - order/ref. no. 0 6 1312 1 0
- **fixed, round tip, neurostimulation**
  - order/ref. no. N 0 6 1312 1 0

- Ø 1,3mm (18GA)
- freezing tip ~7mm
- 120mm

**type: A-13/120/T/RF**
facet joints in cervical spine, cryoanalgesia of peripheral nerves

- **detachable, triangular tip, neurostimulation**
  - order/ref. no. N 0 6 1312 0 1
- **fixed, triangular tip**
  - order/ref. no. 0 6 1312 0 0
- **fixed, triangular tip, neurostimulation**
  - order/ref. no. N 0 6 1312 0 0

- Ø 1,3mm (18GA)
- freezing tip ~7mm
- 120mm

**type: G-30/2/RF**
facet joints in thoracic, lumbar, sacral and iliosacral spine, cryoanalgesia of peripheral nerves

- **detachable, straight, triangular tip, neurostimulation**
  - order/ref. no. N 0 6 3002 0 1
- **fixed, straight, triangular tip, neurostimulation**
  - order/ref. no. N 0 6 3002 0 0

- Ø 2mm (14GA)
- freezing tip ~10mm
- 150mm
### SINGLE USE CRYONEEDLES (STRAIGHT)

**Type: A-08/20/N/RF**  
Microcryoneedle for cryoanalgesia, e.g. supraorbital, infraorbital, intraoral, mental, articulotemporal, occipital nerve (20mm)

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<td>Fixed, straight, needle tip</td>
<td>S 0 6 0802 2 0</td>
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<td>Fixed, straight, needle tip, neurostimulation</td>
<td>S N 0 6 0802 2 0</td>
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![Image of cryoneedle with freezing tip 20mm](image)

**Type: A-08/20/N/RF**  
Microcryoneedle for cryoanalgesia, e.g. supraorbital, infraorbital, intraoral, mental, articulotemporal, occipital nerve (90mm)

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![Image of cryoneedle with freezing tip 90mm](image)

**Type: A-13/120/T/RF**  
Facet joints in cervical spine, cryoanalgesia of peripheral nerves

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<td>S N 0 6 1312 0 0</td>
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![Image of cryoneedle with freezing tip 120mm](image)
SINGLE USE CRYONEEDLES (STRAIGHT)

**type: G-30/2/RF**
- fixed, straight, triangular tip  
  order/ref. no. **S 0 6 3002 0 0**
- fixed, straight, triangular tip, neurostimulation  
  order/ref. no. **S N 0 6 3002 0 0**

facet joints in thoracic, lumbar, sacral and iliosacral spine, cryoanalgesia of peripheral nerves

**type: L-70/RF**
- fixed, straight, needle tip  
  order/ref. no. **S 0 6 7007 2 0**
- fixed, straight, needle tip, neurostimulation  
  order/ref. no. **S N 0 6 7007 2 0**

microcryoneedle for cryoanalgesia

**PAIN MANAGEMENT**

∅ **2mm (14GA)**

150mm

freezing tip 10mm

triangular tip

∅ **0.8mm (21GA)**

135°

70mm

30mm

sterile EO LOT 3–5 years
connection to adapter
adapter order/ref. no.: SJA
criminator to nerve stimulator
microchip for configuration of treatment parameters

connection to adapter
isolated cryoneedle’s surface
freezing tip
Head Office:
ul. Kolejowa 16A
05-092 Łomianki
POLAND

tel. +48 22 33 13 750
fax +48 22 33 13 766
office@metrum.com.pl
export@metrum.com.pl

Metrum CryoFlex
Medical devices manufacturer
all devices are manufactured in accordance with quality management system ISO 13485:2012

www.metrum.com.pl