
NEURO TOOLS

SURGICAL STIMULATION PROBES

Spes Medica offers a **complete range** of disposable IOM stimulation probes:

- Flexible disposable 250 cm leadwire with touch proof connectors
- Overmoulded handgrip to give the best stability and performance
- The electrode is made with top quality medical grade stainless steel
- Double sterile pouches for optimum safety
- 5 year expiration date
- Universal Compatibility with all nerve monitoring systems
- Class III certified

Take a look of our standard range of probes. Spes Medica is also able to manufacture **specific designs** based on the customer requirements.



MONO POLAR

STANDARD TIP

Monopolar stimulation probes are used to **identify the nerve by direct nerve stimulation**. They may be used to stimulate when **a large signal spread is required**. A Disposable Subdermal Needle Electrode or a Disposable Adhesive Surface Electrode is needed as a reference. With a **mapping function**, they may be used during **skull base surgery, acoustic neuroma surgery, parotidectomy and parathyroidectomy**.

MONOPOLAR

- ✓ PERFECTLY ISOLATED SHAFT TO ENSURE A **PRECISE** STIMULATION POINT
- ✓ **ATRAUMATIC SMOOTH** TIP TO AVOID ANY INJURY



SI1100**45**S2526D



SI110**100**S2526D



SI110**200**S2526D



SI11C**095**S2526D



SI11B**130**S2526D



MONO POLAR

BALL TIP

Monopolar ball tip stimulation probes are designed to be used in **Spine Fusions and Pedicle Screw Integrity Test**.

BALL MONOPOLAR

- ✓ BALL AVAILABLE IN 2 AND 3 mm
- ✓ BALL AND SHAFT ARE MADE OF A SINGLE PIECE OF STAINLESS STEEL WITHOUT ANY SOLDERING POINT FOR THE BEST STABILITY AND SAFETY



S11B0045S2526D



S11B0100S2526D



S11B0185S2526D



S11B130S2526D



NEW

BI POLAR

BALL TIP

Designed for **cortex stimulation**.
Polarity is clearly indicated on the handgrip.

The **color coded** design helps experts during the surgery

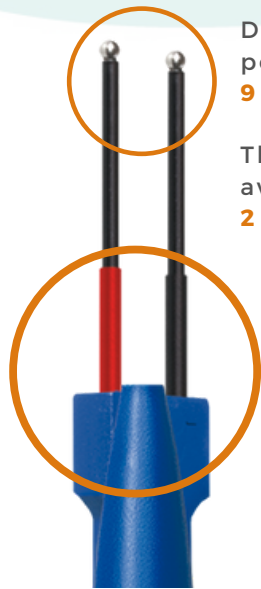
BALL BIPOLAR



THE BALL AND THE SHAFT ARE A SINGLE PIECE OF STAINLESS STEEL PERFECTLY TOOLED TO GIVE THE BEST STABILITY AND SAFETY.



THE SHAFT IS FULLY ISOLATED FOR A PRECISE STIMULATION POINT



Distance between polarities:
9 mm

The ball is available in
2 mm diameter

Color coded design

Polarity indicated on the **handgrip**



The bendability helps surgeons to **customize probes angle**.
Monopolar version is also available

SI1BF100S2526D

SI2B0030S2526D



SI2BF100S2526D



CONCENTRIC BIPOLAR

STANDARD

Concentric probes guarantee the best **stimulation precision**. They are designed to differentiate **cranial nerves** and stimulate within the **internal auditory canal** and **fine fibers of the extra-cranial nerve**. They can also be used in **skull base surgery, parotidectomy, and acoustic neuroma surgery** if nerves are **visible and exposed**.

CONCENTRIC BIPOLAR

- ✓ DESIGNED FOR A CENTRAL AND PERIPHERAL STIMULATION
- ✓ SMOOTH ATRAUMATIC TIP TO AVOID ANY TISSUE INJURY
GUARANTEES A SELECTIVE AND NON TRAUMATIC STIMULATION



The diameter for the standard tip is **1.6 mm**.

SI2C0045S2526D



SI2C0100S2526D



SI2T0045S2526D



SI2CC095S2526D



SI2CB130S2526D



CONCENTRIC BIPOLAR

BALL TIP

CONCENTRIC BIPOLAR BALL TIP

- ✓ DESIGNED FOR A CENTRAL AND PERIPHERAL STIMULATION
- ✓ SMOOTH ATRAUMATIC BALL TO AVOID ANY TISSUE INJURY
GUARANTEES A SELECTIVE AND NON TRAUMATIC STIMULATION



The diameter for
the ball tip is;
2 mm

SI2T00**4**S2526D



SI2T0**100**S2526



MINIFORK

BIPOLAR

Designed for **nerves and roots stimulation, spinal cord mapping**. They can also be used in **skull base surgery, parotidectomy, and acoustic neuroma surgery** if nerves are visible and **exposed**

MINIFORK BIPOLAR

- ✓ PRECISE AND CONSTANT DISTANCE BETWEEN THE 2 POLARITIES
- ✓ SLIM DESIGN OF SHAFT TO GIVE THE BEST VIEW OF THE OPERATING FIELD
- ✓ SMOOTH ATRAUMATIC TIP TO AVOID ANY TISSUE INJURY



Distance between polarities:
1,5 mm

Tip diameter:
0.65 mm



SI2F00**45**S2526D

SI2F0**100**S2526D

**OVERMULDED
VERSION**
MORE STABLE
AND BULKY

MINIFORK BIPOLAR

Designed for **nerves and roots stimulation, spinal cord mapping**. They can also be used in **skull base surgery, parotidectomy, and acoustic neuroma surgery** if nerves are visible and **exposed**

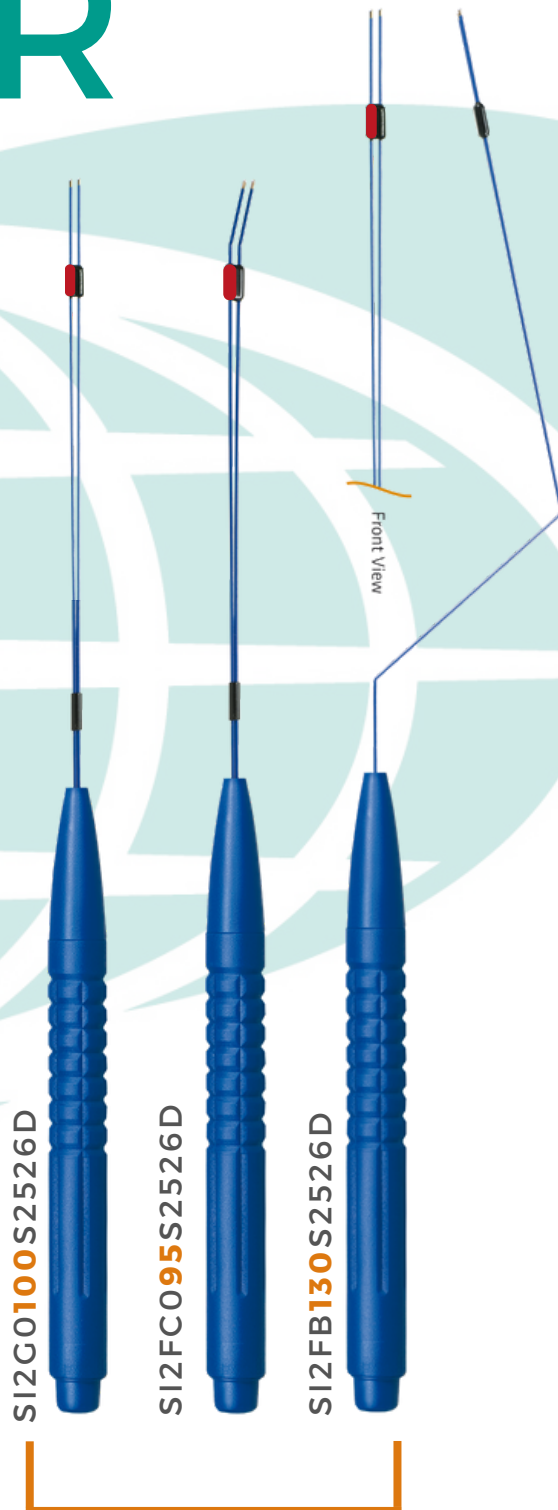
MINIFORK BIPOLAR

- ✓ PRECISE AND CONSTANT DISTANCE BETWEEN THE 2 POLARITIES
- ✓ SLIM DESIGN OF SHAFT TO GIVE THE BEST VIEW OF THE OPERATING FIELD
- ✓ SMOOTH ATRAUMATIC TIP TO AVOID ANY TISSUE INJURY
- ✓ **COLOR CODED DESIGN** HELPS EXPERTS DURING THE SURGERY



Distance between polarities:
2 mm

Tip diameter :
0.65mm



SHRINK TUBE VERSION
SLIMMER AND LEANER VERSION. HELP VIEW DURING SURGERY

MINIFORK TRIPOLAR

Distance
between
polarities:
1 mm

Tip diameter:
0.65mm

Distance
between
polarities
1,5 mm

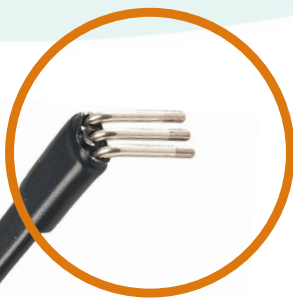
Tip diameter:
0.65mm

IF THE **MINIFORK TRIPOLAR 90°** IS
USED IN COMBINATION WITH **THE
TRIPOLAR MINIFORK**, IT CAN
REPLACE THE HOOK PROBE IN
CHILD SURGERY



SI3FC0**9**SS2526D

SI3FE0**5**SS2526D



HOOK

BIPOLAR AND TRIPOLAR

Designed for the **peripheral nerves**, and the **brachial plexus**. They are used together: the **tripolar** for **stimulation**, the **bipolar** for **recording**

HOOK BIPOLAR AND TRIPOLAR

- ✓ **COLOR CODING** TO HELP SURGEONS
- ✓ **CLEAR INDICATION OF THE POLARITY** IN THE HANDLE
- ✓ **NEW ANGLE MORE OPEN** FOR AN EASY USE, TO HOOK NERVES
- ✓ **AVAILABLE IN BIPOLAR AND TRIPOLAR VERSION** TO **REDUCE SHOCK ARTIFACT**
- ✓ **FULLY ISOLATED TIP** UP TO THE HOOK



Distance between polarities: **9 mm**

Tip diameter: **0.65mm**



SI2H00**20**S2526D

SI3H00**20**S2526D

Distance between polarities: **4.5 mm**

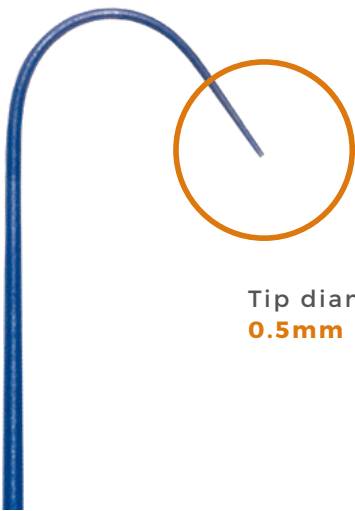
Tip Diameter: **0.65mm**

FLUSHTIP MONOPOLAR

Designed for the safety of the cranial nerves especially the **facial nerve**. This stimulation probe may be used during skull base surgery, acoustic neuroma surgery, parotidectomy and parathyroidectomy, when **nerves are not exposed**

FLUSHTIP MONOPOLAR

- ✓ THE TIP CAN BE MOLDED AS NEEDED
- ✓ FLEXIBLE SHAFT KEEPS THE SHAPE YOU NEED TO **REACH ANY CAVITY OR SMALL POTS**
- ✓ CONICAL ELECTRODE WITH SMOOTH ATRAUMATIC TIP TO AVOID ANY TISSUE INJURY
- ✓ PERFECT FLEXIBLE ISOLATION OF THE SHAFT FOR A PRECISE STIMULATION POINT



Tip diameter:
0.5mm

SI3FC0**9**5S2526D



RHIZO

Designed for peripheral nerves stimulation, especially during **Selective Dorsal Rhizotomy procedure**. Rhizo are designed to manipulate and divide rootlets and simultaneously stimulate, **reducing the surgeon's consistent need to swap between tools**.

RHIZO SET

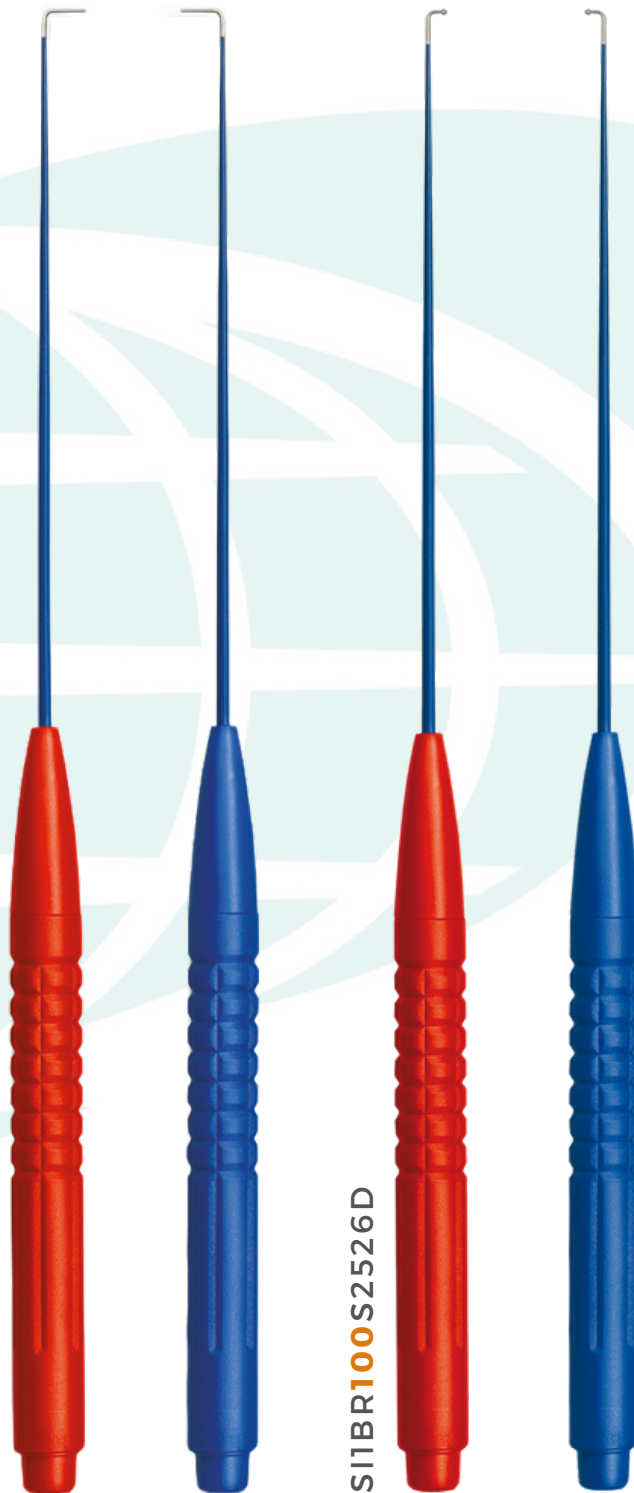
- ✓ COLOUR CODED HANDGRIP FOR AN EASY IDENTIFICATION AND CONNECTION
- ✓ SHAFT ISOLATED TILL THE BENDING OF THE ELECTRODE
- ✓ AVAILABLE IN 2 VERSIONS: **BALL AND STANDARD TIP**, WITH 2 DIFFERENT LENGTHS

5 mm tip length

3 mm tip length

SI1IR100S2526D

SI1BR100S2526D



DRY TOUCH

Designed to guarantee a **dry stimulation field**.

At the same time it can be used for **cortical and subcortical stimulation** in brain tumor surgery **to protect piramidal tracts**. The double function reduces the surgeon's need to swap between tools.

Various tube lengths and different diameter are ideal for a variety of procedures including, **Brain Mapping, Spine Procedures, and Transoral Thyroidectomy**

DRY TOUCH MONOPOLAR

- ✓ DESIGNED TO GUARANTEE A DRY STIMULATION FIELD
- ✓ THE VACUUM CONCEPT CAN EVACUATE CONDUCTIVE FLUIDS THAT CAUSE ELECTRICAL SHUNTING
- ✓ BLUNTED TIP TO AVOID ANY TISSUE INJURY
- ✓ DROP-SHAPED HOLE TO ALLOW SUCTION POWER CONTROL

External diameter **2.5 mm**

Smooth **atraumatic tip** to avoid any tissue injury

S1TK0**130**S2526D

S1TK0**260**S2526D

