



EPILEPSY

SEEG ELECTRODES AND ACCESSORIES



**Solutions
for diagnosis and
therapeutic alternative
of drug-resistant epilepsy**

High resolution, micro-macro depth electrodes, short and standard guidance screw, and connecting cables suit all Neurosurgeons and Neurophysiologists needs.

MADE IN FRANCE

DEPTH ELECTRODES

RANGE 2069 - EPC

Type C

Type E

Type aCb

Standard Electrode

2 mm

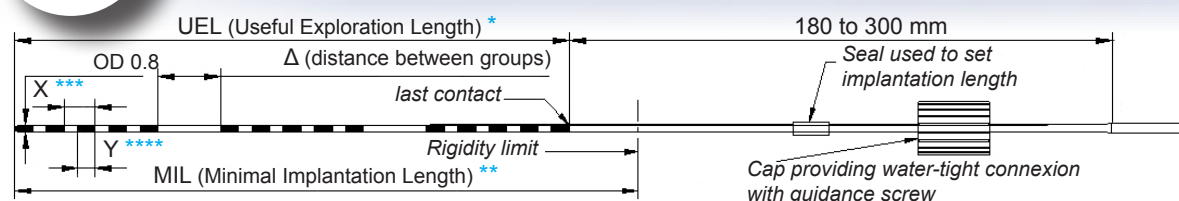
High Resolution

1 mm

Micro-Macro

20 µm

OD 0.8



* UEL = Useful Exploration Length, distance between the first and the last contact.

** MIL = Minimum Implantation Length, minimum length between the target and the proximal edge of the guidance screw.

*** X = Contacts steps.

*** Y = Ring contacts size.

Range 2069-EPC Type C



**** Y = 2 mm

*** Contact step

3.5 or 4.0 mm

S: Stock

References	Nb of contacts	Δ (mm)	UEL * (mm)	MIL ** (mm)	Avail.
2069-EPC-05C-35	5	-	16	26	S
2069-EPC-08C-35	8	-	26.5	36.5	S
2069-EPC-10C-35	10	-	33.5	43.5	S
2069-EPC-12C-35	12	-	40.5	50.5	S
2069-EPC-15C-35	15	-	51	61	S
2069-EPC-18C-35	18	-	61.5	71.5	S
2069-EPC-18C-40 ^(4.0)	18	-	70	80	S
2069-EPC-15C-35-3G-07	3 x 5	7	62	72	S
2069-EPC-15C-35-3G-11	3 x 5	11	70	80	S
2069-EPC-18C-35-3G-11	3 x 6	11	80.5	90.5	S

Range 2069-EPC Type E



**** Y = 1 mm

*** Contact step

2.0 mm

R: Request

References	Nb of contacts	UEL * (mm)	MIL ** (mm)	Avail.
2069-EPC-15E-20 ^(HR)	15	30	40	R
2069-EPC-18E-20 ^(HR)	18	36	46	R

Range 2069-EPC Type aCb



**** Y = 2 mm

*** Contact step

3.5 mm

R: Request

Reference	Macro contact	Micro contact	Micro size	Nb of micro contacts between macro contacts	UEL (mm)	MIL (mm)	Avail
2069-EPC-5C9-35T02	5	9	Ø 37 µm	3 at 120°	16	26	R

■ ALCIS Neuro SEEG electrodes range chart

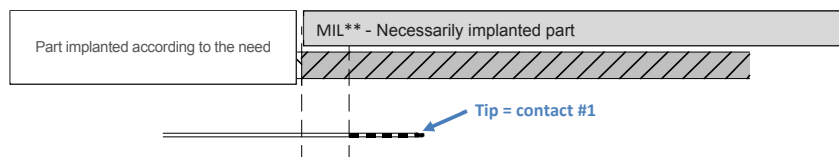
Features	Advantages	Benefits
Tip contact	Full length Signal retrieving	Minimum Invasive SEEG
Smooth tip contact	Atraumatic	Safety for patient
Platinum Iridium contact and wire	Better signal and recording	MRI compatible Safety for patient
Light Connector	Less total weight	More comfortable for patients
High resistance to bending	High resistance	Higher safety

References	Nb contacts	UEL * (mm)	MIL ** (mm)	Type
2069-EPC-18C-35-3G-11	3x6	80,5	90,5	
2069-EPC-15C-35-3G-11	3x5	70	80	
2069-EPC-15C-35-3G-07	3x5	62	72	
2069-EPC-18C-40	18	70	80	4.0
2069-EPC-18C-35	18	61,5	71,5	
2069-EPC-15C-35	15	51	61	
2069-EPC-12C-35	12	40,5	50,5	
2069-EPC-10C-35	10	33,5	43,5	
2069-EPC-08C-35	8	26,5	36,5	
2069-EPC-05C-35	5	16	26	
2069-EPC-15E-20	15	30	40	HR
2069-EPC-18E-20	18	36	46	HR

*UEL= Useful Exploration Length
**MIL= Minimal Implantation Length

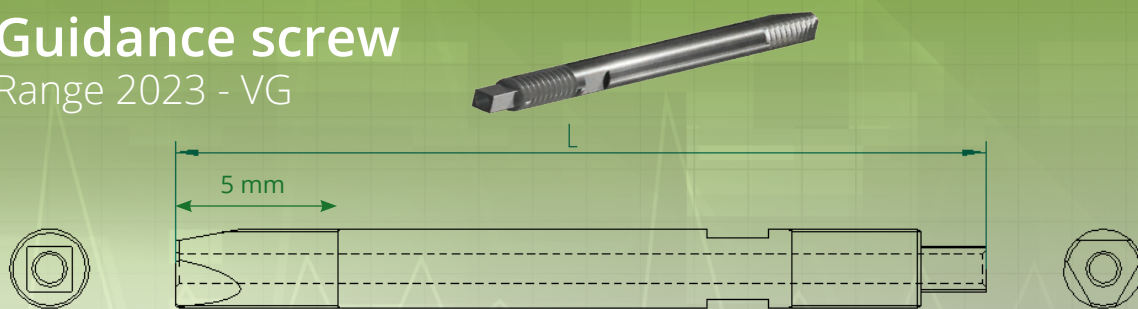


Alcis Neuro exclusive



Guidance screw

Range 2023 - VG



References	Length (mm) (L)	Material	Packaging
2023-VG-15	15	Titanium alloy	Box of 10 sterile units (individual pouch)
2023-VG-20	20		
2023-VG-25	25		
2023-VG-30	30		
2023-VG-35	35		

- > Calibrated for ID 2.5mm guide.
- > Self-threading extremity for direct fixation in a 2.1 mm diameter mm osseous hole.
- > Adapted for MRI location.
- > Two external flats for extraction with Alcis wrench 2023-CL.
- > Use exclusively with alcis depth electrode range 2069-EPC.
- > Set exclusively with alcis screwdriver range 2023-TO.
- > Realise with join and cap a watertight connexion with electrode.
- > Ethylene oxide sterilized.
- > Single use.

Class III medical device - CE₁₀₁₄ marked.

Short guidance screw

Range 2023 - VG-C



References	Length (mm) (L)	Material	Packaging
2023-VG-C-10	10	<ul style="list-style-type: none"> • Titanium alloy • Silicone • Polymer 	Box of 10 sterile units (individual pouch including: screw, guide, cap and retainer)
2023-VG-C-15	15		
2023-VG-C-20	20		
2023-VG-C-25	25		
2023-VG-C-30	30		

- > Use exclusively with Alcis depth electrode range 2069-EPC.
- > Set exclusively with Alcis screwdriver 2023-TO-C-III and ALCIS griper 2023-PIN (see 2023-AVG-C-FT technical form).
- > In the event of difficulty for the screwing / unscrewing of the cap, use exclusively screwdriver Alcis 2023-TO-BC.
- > Self-threading extremity for direct fixation in a 2.1 mm diameter osseous hole.
- > MRI and MEG compatible.
- > Ethylene oxide sterilized.
- > Single Use.

Class III medical device - CE₁₀₁₄ marked.

Graduated Ruler

Range 2023 - TG2

Allows to control the insertion depth of the tools.
On recto: SEEG electrodes, on verso: stopper styllet.

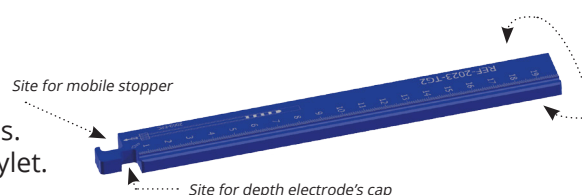


Main Advantage:

Allows the measurement of SEEG electrodes without compromising the integrity of contact, thanks to its exclusive protector sliding sheath.

INTEGRITY OF CONTACTS PRESERVED.

Class IM medical device - CE₁₀₁₄ marked.



Alcis Neuro exclusive

Extension cable

Range 2069 - CE

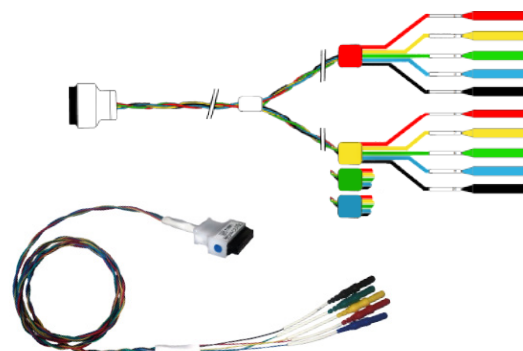
Alcis Extension Cables are intended to create a link from intracerebral depth electrodes (range 2069-EPC) to a EEG recording system.

References	Nb of contacts	Length	Plug (recorder side)	Cable specifications	Packaging
2069-CE-05c-150-B-FB5	5	150 cm	Insulated plugs Ø 1,5 mm FB5 = minimal center-to-center connection distance : 5 mm	B = braided	Unitary Non Sterile
2069-CE-08c-150-B-FB5	8				
2069-CE-10c-150-B-FB5	10				
2069-CE-12c-150-B-FB5	12				
2069-CE-15c-150-B-FB5	15				
2069-CE-18c-150-B-FB5	18				

- > A coding, integrated to the connection casing helps to reduce the risk of connection errors.
- > A marker (blue dot) enables a quick retrieval of connection direction.
- > A color coding helps to quickly identify the wire order.
- > Compatible with removable link 2023-CE-L2 to secure the electrode connection with the cable.

Box of 1 unit. Provided not sterile

Class I medical device - CE marked.



Thermocoagulation - Connecting Box Kit

2069-BC3-KIT

The Alcis coagulation depth electrodes are intended to perform thermocoagulation "in-situ", as therapeutic alternative to conventional epilepsy surgery (especially for patients for who conventional surgery is excluded).

The kit Connecting box marked includes:

- > connecting box (ref. 2069-BC3),
- > EEG cable (ref. 2069CE-18c-150-B-FB5),
- > testing device,

- > battery charger with 2 batteries,
- > IFU of the kit.

The kit is provided in a plastic briefcase.



The Alcis connecting box allows, in user **friendly and a safe way** to:

- > avoid misconnections,
- > select the type of depth electrode connected,
- > select the couple of contacts to coagulate,
- > control directly after coagulation the EEG signal.
(requires to connect a EEG recording system)

Reusable device, not sterile and not sterilizable.

BC3 for thermocoagulation with the switch EEG/Coag, allows direct check after coagulation and improves diagnosis and safety.



Class IIb medical device - CE1014 marked.

Removable link

2023-CE-L2

Removable link is intended to strengthen the connection between an extension cable and an electrode.

Pouch of 5 reusable units. Provided not sterile.

Class I medical device - CE marked.



Alcis Neuro exclusive



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