

# REUSABLE CUP ELECTRODES

Bionen is a leader in developing high-quality accessories. Our cup electrodes for EEG are designed and manufactured to ensure high-quality signals and minimal noise. Available in Ag, Ag/AgCl, and Ag/Au, the electrode geometry ensures excellent patient adherence for every application, from routine EEG to long-term monitoring (LTM) and sleep studies (PSG).

The connection between the electrode and the cable and the amplifier plug are designed for maximum durability. The plug is optimized for easy insertion and excellent connection to the EEG system. The cable is tangle free and is available in 10 colours for quick identification during examinations.

## KEY Feature:

- 10mm diameter.
- Electrode available in AG, Ag/AgCl, Ag/Au.
- Two electrode geometries for each application.
- High-quality signal and low noise.
- Excellent patient comfort due to electrode-to-cable connection geometry.
- Polyurethane cable for excellent insulation.
- Long-lasting electrode durability.
- Electrodes available with 10-colour cable.
- Available with cable lengths of 100cm, 150cm, 200cm; other lengths available upon request.



## SPECIFICATIONS

CUP ELECTRODE	
Sterilization	Not sterile
Shelflife	5 years (60 months)
Side effects and interactions	None
Possibile toxicity declared	None. LATEX FREE

REGULATION	
CND Classification	N010102
Basic UDI	803331512SURFAX
Risk class	CE - classe I FDA -FDA approved trough 510(k) - classe I
Country of origin	Italy
Regulation conformity	MDR (UE) 2017/745 Attachment I
Built following procedures of SAQ BIONEN	ISO 13485:2016

NOTE: DM's cleaning, disinfection, manipulation and preservation modalities are included in Instructions for Use.

## MATERIALS

ELECTRODE	
Electrode	Cup in Ag 925 Ag/AgCl – Ag/Au gilded
Cable	Polyurethane

PACKAGING	
BOX	5 electrodes/BOX

## AVAILABLE CONFIGURATIONS - 0011-XXX/0012-XXX

REF.	MU	N°	CUP MATERIALS:	Ø CUP	PLUG	CABLE COLOURS	INSULATING/CONDUCTING CABLE MATERIAL
0011.010	BOX	10	Ag/AgCl SINTERIZED	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0011.101	BOX	10	Ag/AgCl SINTERIZED	D=6mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0011.102	BOX	10	Ag/AgCl SINTERIZED	D=8mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.002	BOX	10	Ag SPIDER	D=6mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.003	BOX	10	Ag SPIDER	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.005	BOX	10	Ag/AgCl	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.006	BOX	10	Ag/Au	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.007	BOX	10	Ag	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.015	BOX	10	Ag/AgCl	D=10mm LTM	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.016	BOX	10	Ag/Au	D=10mm LTM	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.017	BOX	10	Ag	D=10mm LTM	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.018	BOX	10	Ag/AgCl	D=10mm LTM	MCH D=2mm	10 colours	Polyurethane /Tinsel cord
0012.019	BOX	10	Ag/Au	D=10mm LTM	MCH D=2mm	10 colours	Polyurethane /Tinsel cord
0012.101	BOX	10	Ag/AgCl	D=6mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.102	BOX	10	Ag/AgCl	D=8mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.401	BOX	10	Ag/AgCl	D=10mm perforate	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord
0012.602	BOX	10	Ag/AgCl	D=10mm	FMM D=1,5mm	10 colours	Polyurethane /Tinsel cord

Note: Standard cable length of 150 cm. Different lengths are available upon request. The hole of 2mm allows gel leakage during electrode positioning and facilitates the insertion of blunt needle.

## AVAILABLE AUTOCLAVABLE CONFIGURATIONS

REF.	MU	N°	CUP MATERIAL:	Ø CUP	PLUG	CABLE	INSULATING/CONDUCTING CABLE MATERIAL
0012.005-S	NR	1	Ag/AgCl-	D=10mm	FMM D=1,5mm	10 colours	Poliuretano/Tinsel cord