



PINS DEEP BRAIN STIMULATION (DBS) SYSTEM

PINS MEDICAL

Since the first Chinese neuromodulation initiative of Tsinghua University in 2000, PINS Medical has gradually established a multinational corporation with headquarters located in Beijing, China, and international business center in Singapore. With an outstanding reputation as a high-tech health care corporation, PINS Medical has rapidly grown into a leader of the neuromodulation industry in China.

PINS Medical is an innovative medical company specializing in R&D, production, and sales of full-range neuromodulation products. Since the first NMPA approval of PINS DBS being granted in 2013, PINS Medical is now the first company in the world with four commercialized implantable neuromodulation product lines. In 2016, PINS Medical entered the international market with its first CE marked DBS system. By the end of 2021, PINS DBS, VNS and SNM systems have each accounted for more than 60% market share in China.

PINS Deep Brain Stimulation (DBS) System

PINS Non-Rechargeable DBS



G101A

Single-channel pulse generator

**Model
G101A**

— Dimensions: 61*49*12mm

— Weight: 40g

— Average Lifespan: 5-9Y



G102

Dual-channel pulse generator

**Model
G102**

— Dimensions: 61*70*12mm

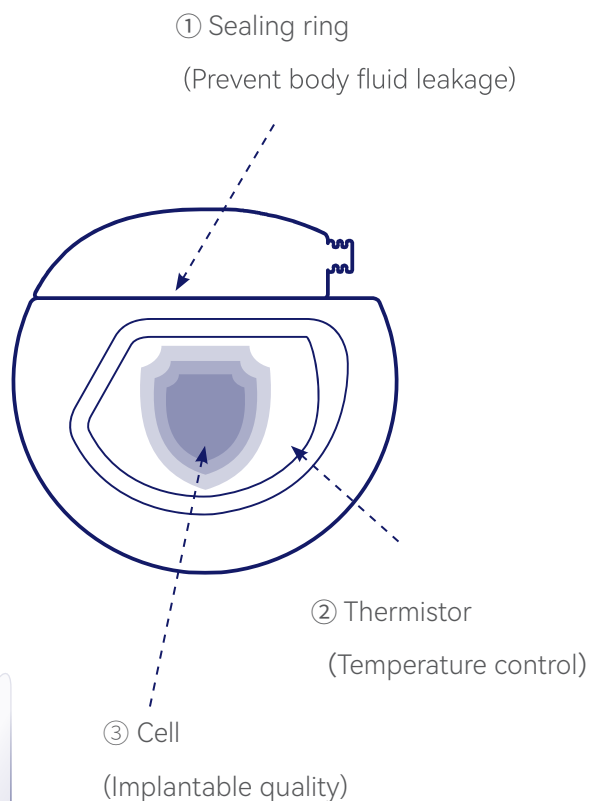
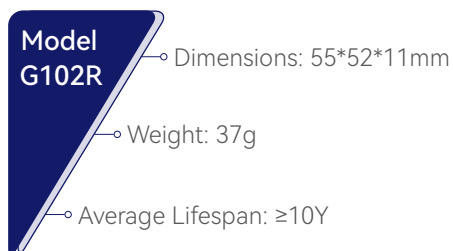
— Weight: 56g

— Average Lifespan: 4-6Y

PINS Rechargeable DBS System



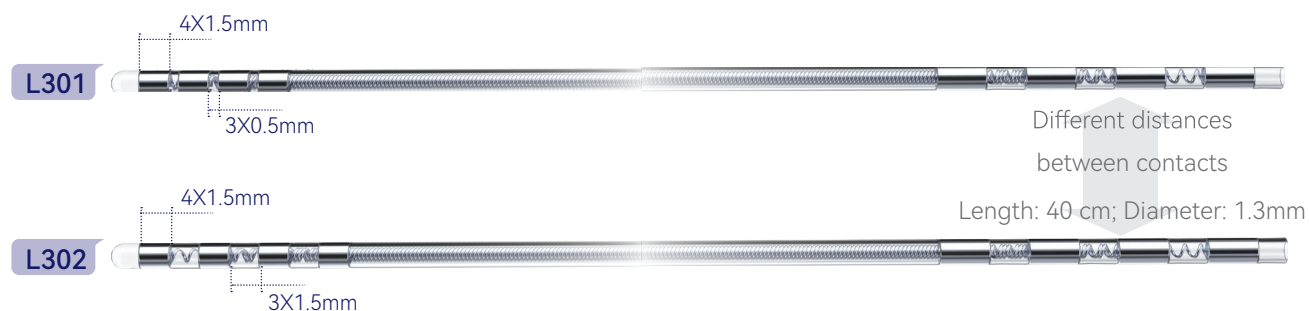
G102R



Key Features

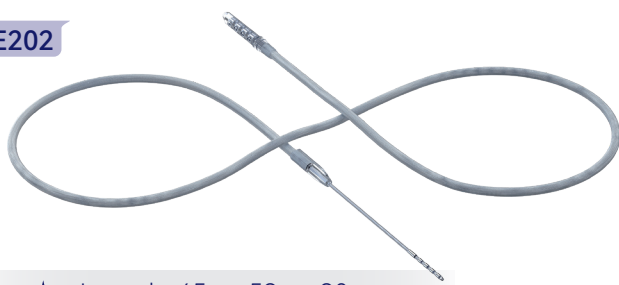
- No time lock, unlimited service life after safety assessment
- Constant-voltage and constant-current stimulation
- Easy to implant, thin and sleek design reduces skin tension
- Better biocompatibility with lower risk of rejection by using the third-generation polyurethane material

PINS DBS Leads

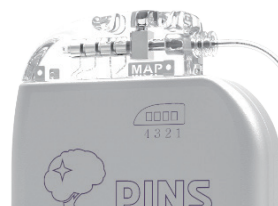
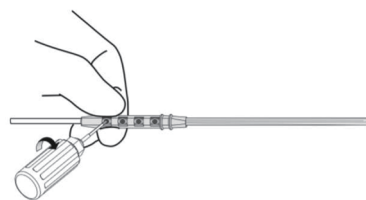


PINS DBS Extensions

E202



- ✦ Length: 45cm, 59cm, 90cm
- ✦ Outer insulation material: Silicone Rubber / Polyurethane

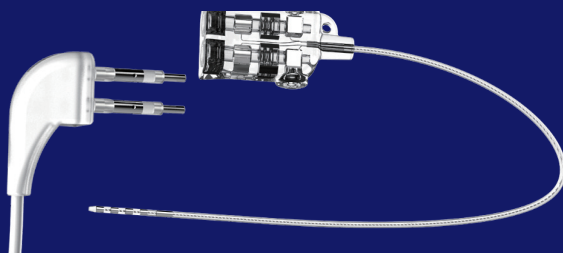


Robust quality of aerospace technology guarantees the safe and reliable use

01

Adaptors

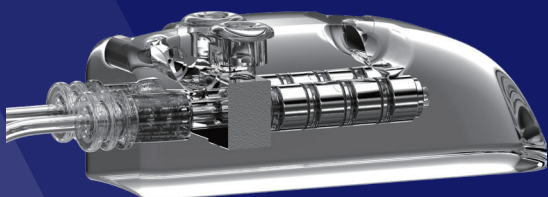
for the replacement of different types of pulse generators, convenient for product upgrades.



02

Upgraded Connectors

with a better tightness to prevent leakage or accidental stimulation makes the surgical operation more convenient.



03

PINS Leadlock®

with a curved surface design of the lock base fits the anatomical structure of the cranial bone and is easy to fix.



04

Double-sealed

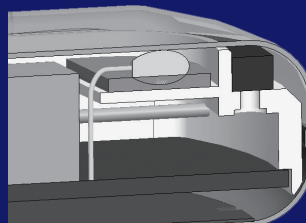
channels of the pulse generator to prevent the infiltration of bodily fluids.



05

Double fixing of important spare parts

ensures the reliability of the whole system.



06

The anti-electromagnetic interference performance is verified according to ISO 14708

PINS DBS External Devices

Patient Recharger

Programming and recharging functionality in one device

Available for remote programming

Portable design with a large color touchscreen



Patient Controller

Available for remote programming

Portable design with a large color touchscreen

PSM1001 Clinician Programmer

10-meter programming distance makes clinical observation more convenient





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