

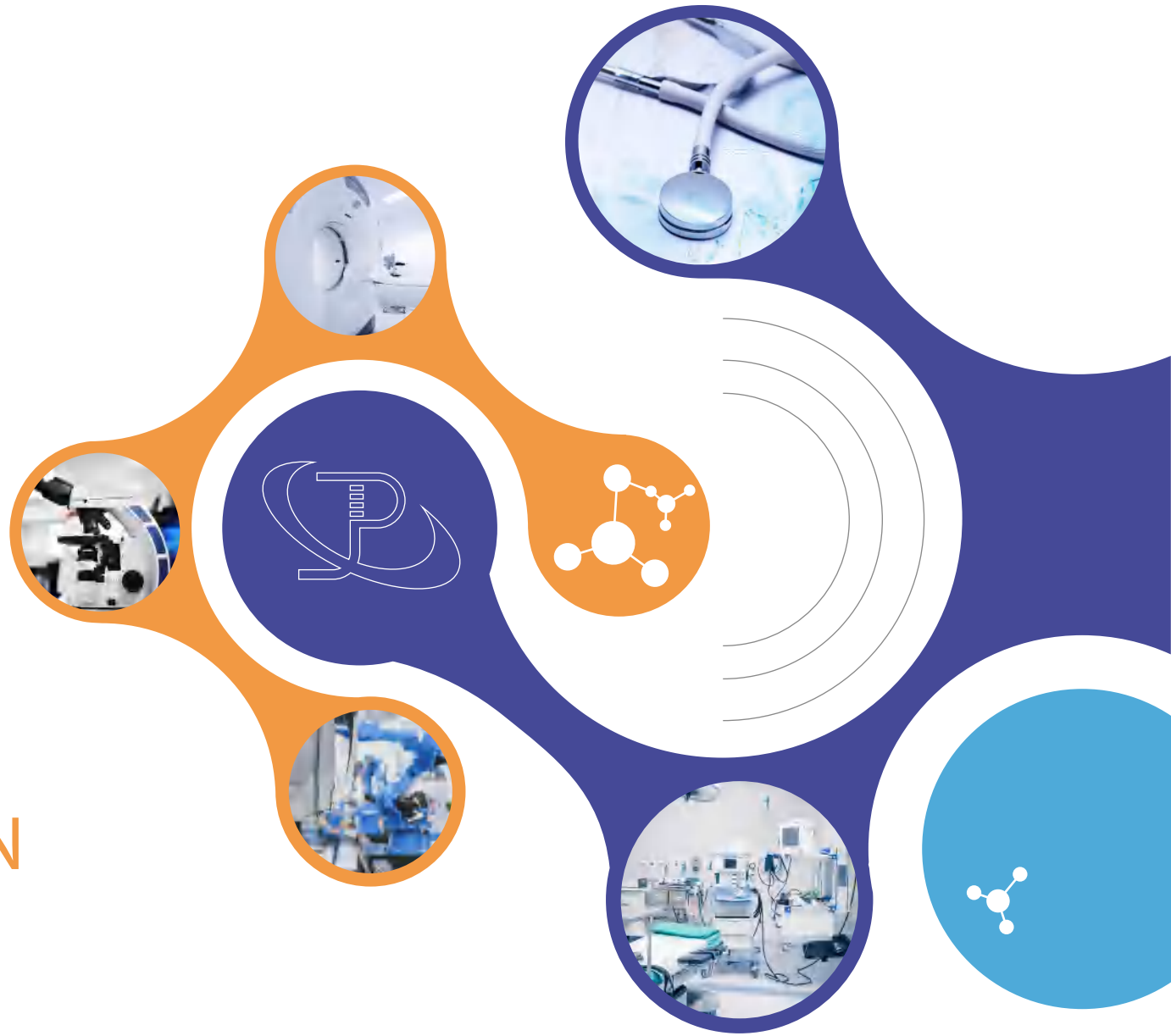


Since 1996

JINPAT

JINPAT SLIP
RING APPLICATION

MEDICAL



Technical Capacity

Electric



Max.500 circuits



Max.4200A



Max 10,000V



Advantage

USB3.0,10G Ethernet, HDMI, SDI,
ProfiNet, Powerlink, SercosIII,
EtherCAT, Encoder, EtherNet/IP...

Environment



Max.IP68



Air 7.5kPa(18000m)
Underwater 4000m



Exd IIB T4 GB



Accelerate 18000g



-55 °C ~+250 °C

Structure



Max.30,000rpm



370million revolutions
2.3@2000rpm



Torque
Min. 0.02 N.m



ID Max. 1m



Advantage

Integration :
power+liquid+HF+FO

Typical Application



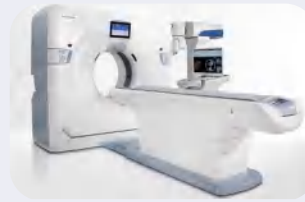
Surgical Lamp



Cardiovascular
Detector



Surgical Robot



CT Machine



Biochemical Analyzer



Immune Analyzer



Nucleic Acid Extraction
and Purification



Animal Activity
Recorder



Rehabilitation
Training Robot



Pharmaceutical
Filling Machine



knee Joint Prosthesis

Surgical Lamp

SOLUTIONS

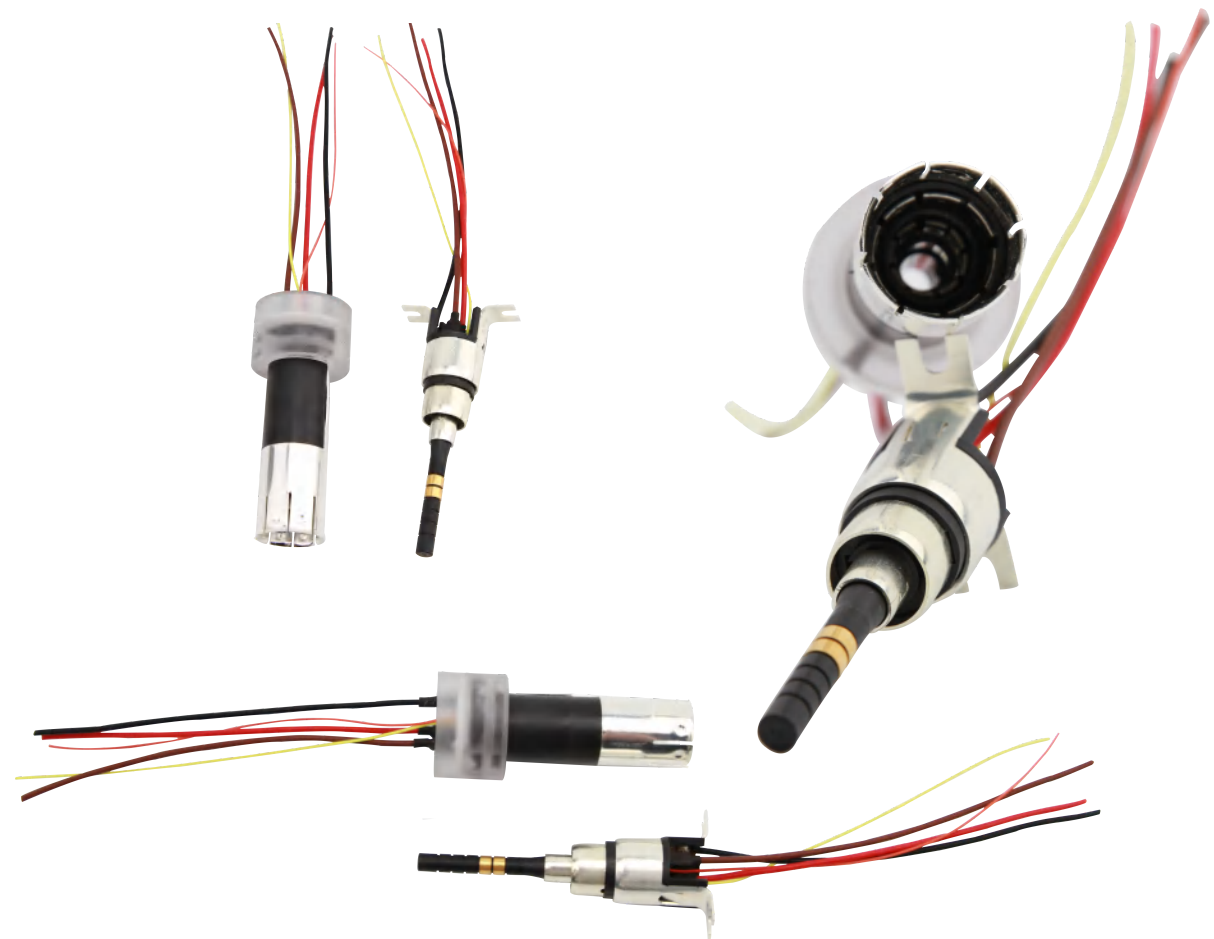
- SR-3P-B/C/M/F Plug-in Slip Ring
- LPC-03P Medium Capsule Slip Ring

TECHNICAL FEATURES

3 circuits 11A+6 signals (higher)

Long lifespan, up to 200000 times of plugging

It can transmit high-speed data signals, HD-SDI, control signals, etc., and is suitable for small installation space



Cardiovascular Detector Slip Ring



SOLUTIONS

- LPC-1F0203 medium capsule slip ring
- 2 circuits 3A integrated, 1 circuit optical

TECHNICAL FEATURES

Photoelectric integrated power slip ring,
6000rpm, 65,000,000 revolutions for lifespan,
mechanical noise within $0.5M \leq 69db$



Surgical Robot Slip Ring

SOLUTIONS

- LPC-12T medium capsule slip ring with through hole
- LPC-36A medium capsule slip ring

TECHNICAL FEATURES

It can customize the requirements of high protection, high speed and long lifespan;
It can integrated multiple signals (such as analog signals, digital signals, etc.), with smooth operation, small resistance and high stability.



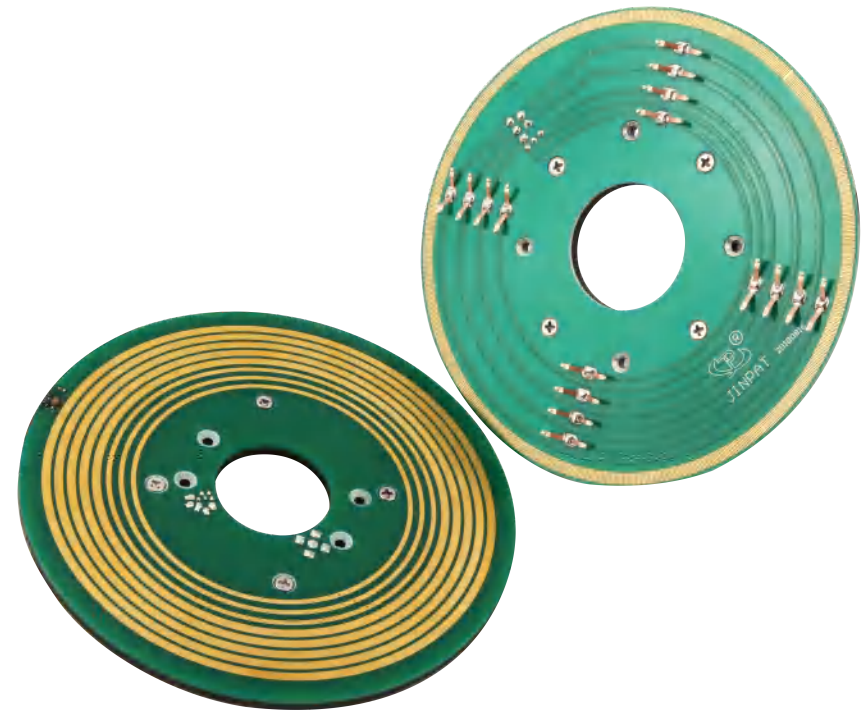
Slip Ring for CT

SOLUTIONS

- The solution provided by LPK/LPKS pancake slip ring for equipment with limited axial space

TECHNICAL FEATURES

It can be divided into integrated pancake slip ring and separate pancake slip ring;
The minimum thickness can reach 5.4mm, the transmission of analog and digital signal power and signal mixed transmission, shock and vibration resistance, maintenance-free



Immunology/Biochemistry Coagulation Analyzer

SOLUTIONS

- LPC-18A-M Medium Capsule Slip Ring

TECHNICAL FEATURES

The working temperature can be customized from -60 °C to +300 °C, IP68

The working speed can reach up to 1000 rpm and lifespan up to 20 million rpm

Multiple signals can be integrated, with smooth operation and stable performance



Slip Ring of Nucleic Acid Extraction and Purification Instrument

SOLUTIONS

- LPM-06A Miniature Capsule Slip Ring
- LPM-24A Miniature Capsule Slip Ring
- LPM-30B Miniature Capsule Slip Ring

TECHNICAL FEATURES

Stable performance, working speed up to 2000 rpm optional, lifespan up to 30 million rpm

Slip-ring shape, outlet mode, shell material, etc. are optional, IP68



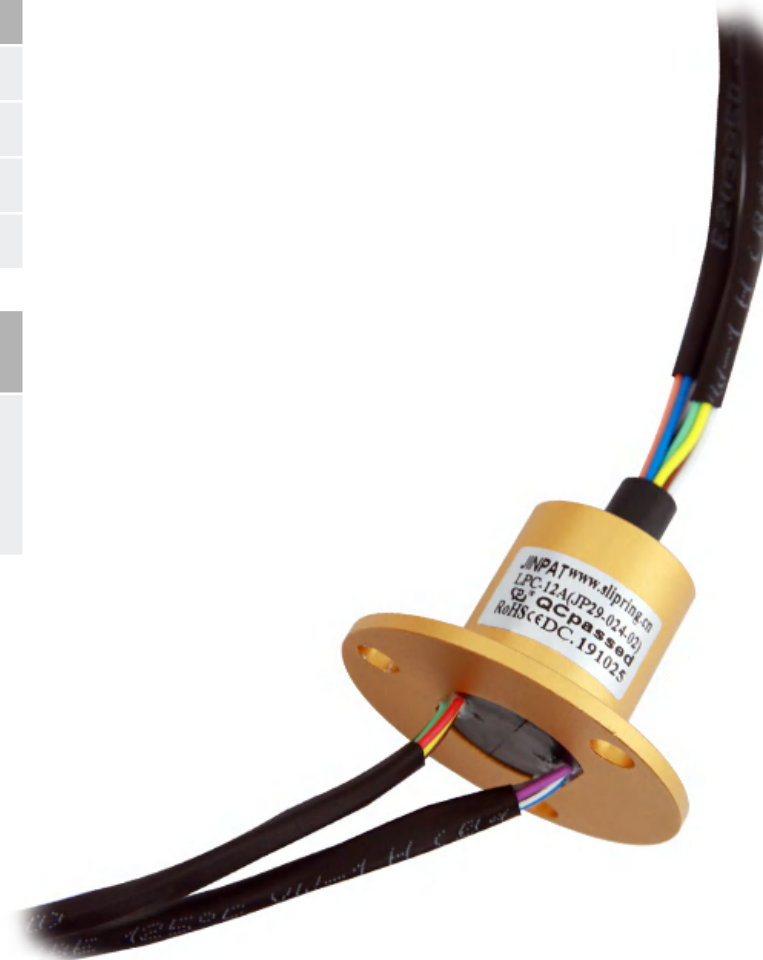
Animal Activity Recorder Slip Ring

SOLUTIONS

- LPC-06A Medium Capsule Slip Ring
- LPC-06T Medium Capsule Slip Ring with Through-hole
- LPC-12A Medium Capsule Slip Ring
- LPC-12T Medium Capsule Slip Ring with Through-hole

TECHNICAL FEATURES

The min. aperture is 5mm-6.4mm;
It can customize the requirements of high protection,
high speed, high lifespan and low torque, and can
integrated multiple signals



Rehabilitation Training Robot Slip Ring

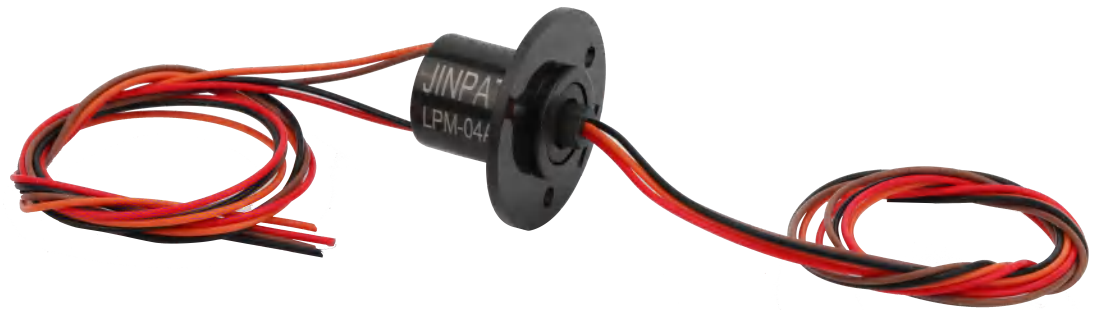
SOLUTIONS

- LPM-04A miniature slip

TECHNICAL FEATURES

The outer diameter is 12.5mm~16mm;
Slip-ring shape, outlet mode, shell material, etc.
are optional, with IP68

The working speed can reach up to 2000 rpm
and the lifespan up to 30 million rpm



Slip Ring of Medicine Filling Machine

SOLUTIONS

- LPT038-0240-2S hollow shaft slip ring

TECHNICAL FEATURES

The center hole can be selected from 0 to 1000mm, and can pass the thermocouple signal; It can integrated high-frequency, optical fiber, encoder, waveguide, gas-liquid and other rotary joints



Multi-spindle knee Prosthesis Slip Ring

SOLUTIONS

- LPR-04R (JP05-003-02) pin connection slip ring

TECHNICAL FEATURES

Exquisite design, pin contact replacing wire contact, low contact resistance, ROHS, smooth operation and convenient installation

