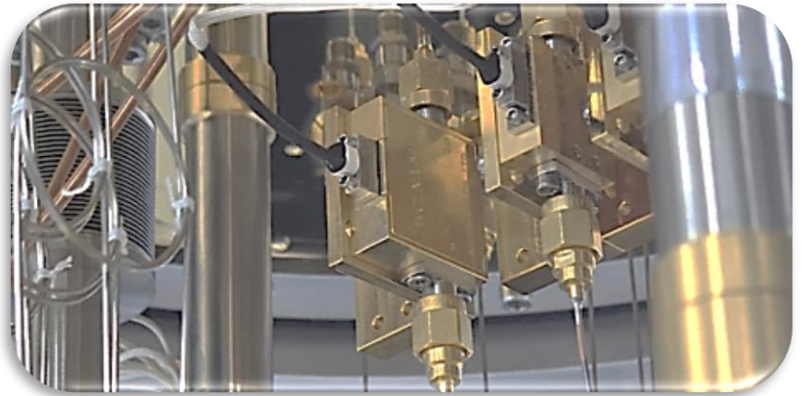


Cryogenic Quantum Components

• Cryogenic Low noise Amplifier

**4K
Cryogenic Test**

$T_n = 3 \sim 4K @ 4K$



- Optimized for 4~8 GHz frequency range.
- Ultra-low noise temperatures of 3~4K at 4K
- Built with InP HEMT technology for superior cryogenic and RF characteristics.

Application

- Cryogenic quantum computing
- Radio astronomy
- Superconducting electronics
- RF signal amplification at low temperature

• Low Noise Power Supply



Front



OLED Screen

Rear



- Ultra low noise output with high stability
- Optimized for cryogenic HEMT LNA modules
- Integrated automatic gate bias control
- Fine-tunable drain voltage and current

Application

- Cryogenic quantum computing
- Radio astronomy
- Superconducting electronics
- RF signal amplification at low temperature