



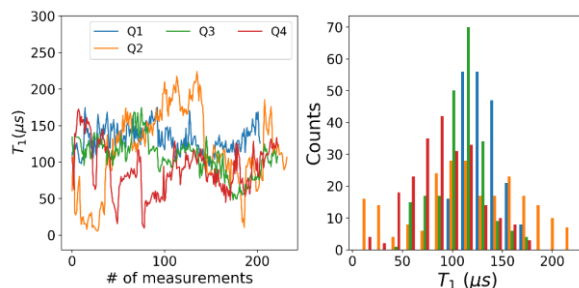
Qubit-in-a-box 0 (QiB0)

Quantum device for benchmarking and calibration

We offer single qubits device for equipment and cryostat testing with world class Qubit performance. The device can be used to benchmark your quantum measurement system or demonstrate simple quantum processes such as decoherence and dephasing

Highlights

- High-performance Qubits with $T_1 = 90 - 130 \mu\text{s}$ on average and up to $224 \mu\text{s}$.
- Including 4 fixed frequency Qubits and 2 bare Coplanar waveguide (CPW) resonators ($Q_i \sim 1\text{M}$).
- Enclosed in and electroplated copper box with 2 SMA ports



	Q1	Q2	Q3	Q4
f_{01} (GHz)	4.346	4.507	4.561	4.716
T_1 (μs)	131.15	116.11	107.31	90.58
Q	3.58	3.29	3.07	2.68

