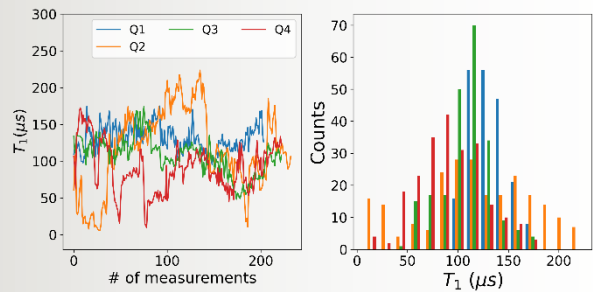
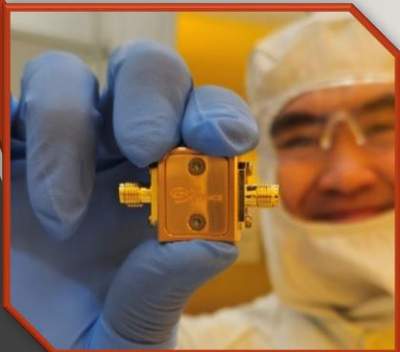
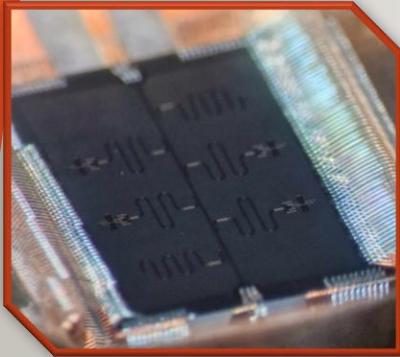


Qubit-in-a-box 0 (QiBO)

Quantum device for benchmarking your setup

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.



	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

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 hanging Coplanar waveguide (CPW) resonators ($Q_i \sim 1\text{M}$).
- ❖ Enclosed in an electroplated copper box with 2 SMA ports.

Contact Us

con-science.se
+46 (0)738 92 08 67
info@con-science.se

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