The KRAKEN™ Robotic Arm is a compact, lightweight modular manipulator designed to enable very small spacecraft to perform challenging missions such as on-orbit assembly, satellite servicing and inspection, and debris capture.

### Specifications

**Compact:** Two arms stow within 3U CubeSat volume (10 x 10 x 30cm)

**Lightweight:** 4.2kg for 7DOF arm

**High-Dexterity:** Configurations up to 11DOF

**Precise:** Repeatability of +/- 10mm

**Powerful:** Fully operable in 1G

**Long:** 2.0m diameter hemispherical reach per arm

**Large Workspace:** 1.5m diameter fully dexterous workspace per arm

**Sensing:** Each joint has input sensing of 512 or 1024 CPT, and output sensing of 4096 CPT

**Modular:** EtherCAT bus backbone enables easy reconfiguration

**Configurable:** Accommodates modular end-effectors

Contact Tethers Unlimited for additional information