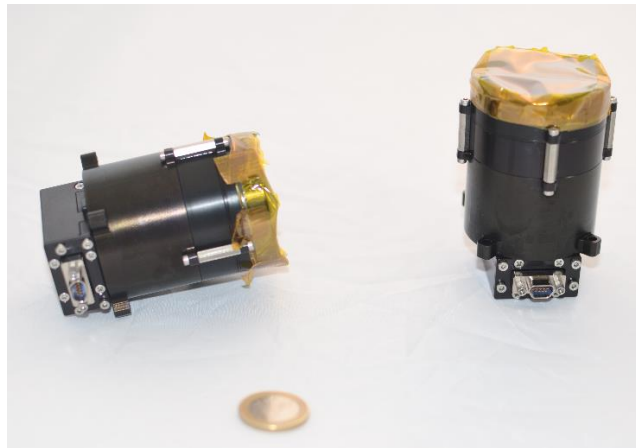


ST200 STAR TRACKER

The ST200 is one of the most successful star trackers in the world. More than 100 devices have been delivered to customers. Developed in cooperation with Hyperion Technologies B.V. the ST200 is one of the world's smallest autonomous star tracker fully suitable for Cubesats or other sophisticated nano satellites.



ST200- μ D with Baffle

CHARACTERISTICS	
Main Interface	UART or RS422
Supply	3.7-5V DC
Power Consumption	550mW @ 3.7V
Dimensions (ST200) (with Baffle 40° Sun Exclusion)	30x30x39mm ³ 50x50x83mm ³
Mass (ST200 with UART Interface) (with Baffle 40° Sun Exclusion)	40g 106g
Operation Temperature	-20°C to +40°C
Accuracy (pitch & yaw) (roll)	10 arcsec (1 σ) 70 arcsec (1 σ)
Update Rate	5Hz
Max. Slew Rate (nominal conditions)	0.3°/s (pitch, yaw), 1.0°/s (pure roll)
Radiation Test (Proton 130 MeV)	11 krad
Design Life (LEO)	5 years