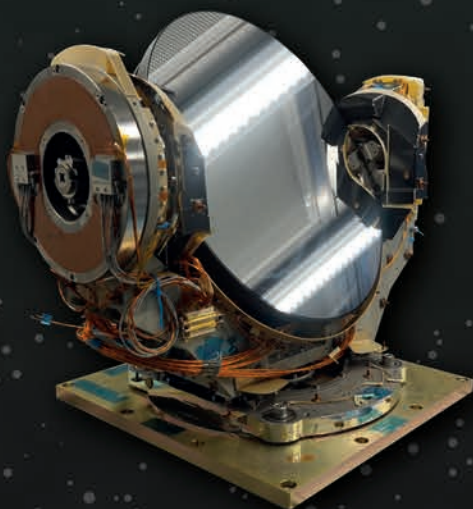


## 1 SCANNER (SCA)



### Scanning mechanism

The most critical part of the mission. It is a mechanism that tilts a mirror in different positions and is extremely precise. At a distance of 36,000 km, the satellite can take pictures with a precision of meters.



### Electronic unit

It powers the actuators, commands the movement of the scanning mechanism in closed control and monitors the temperature and position of the system depending on its operating modes.

## 2 CALIBRATION AND SHUTTER MECHANISM (CSM)

This mechanism inserts a solar diffuser in front of the primary mirror in calibration mode or prevents the entry of sunlight.



COM IRS



COM FCI

## 3 VERIFICATION HARDWARE FOR THE ATTITUDE AND ORBIT CONTROL SUBSYSTEM (AOCS-SCOE)

This hardware provides interfaces for simulating and stimulating the sensors and actuators in the AOCS while simulating in real time dynamic and kinematic conditions and the effects that the physical environment will have on the satellites.