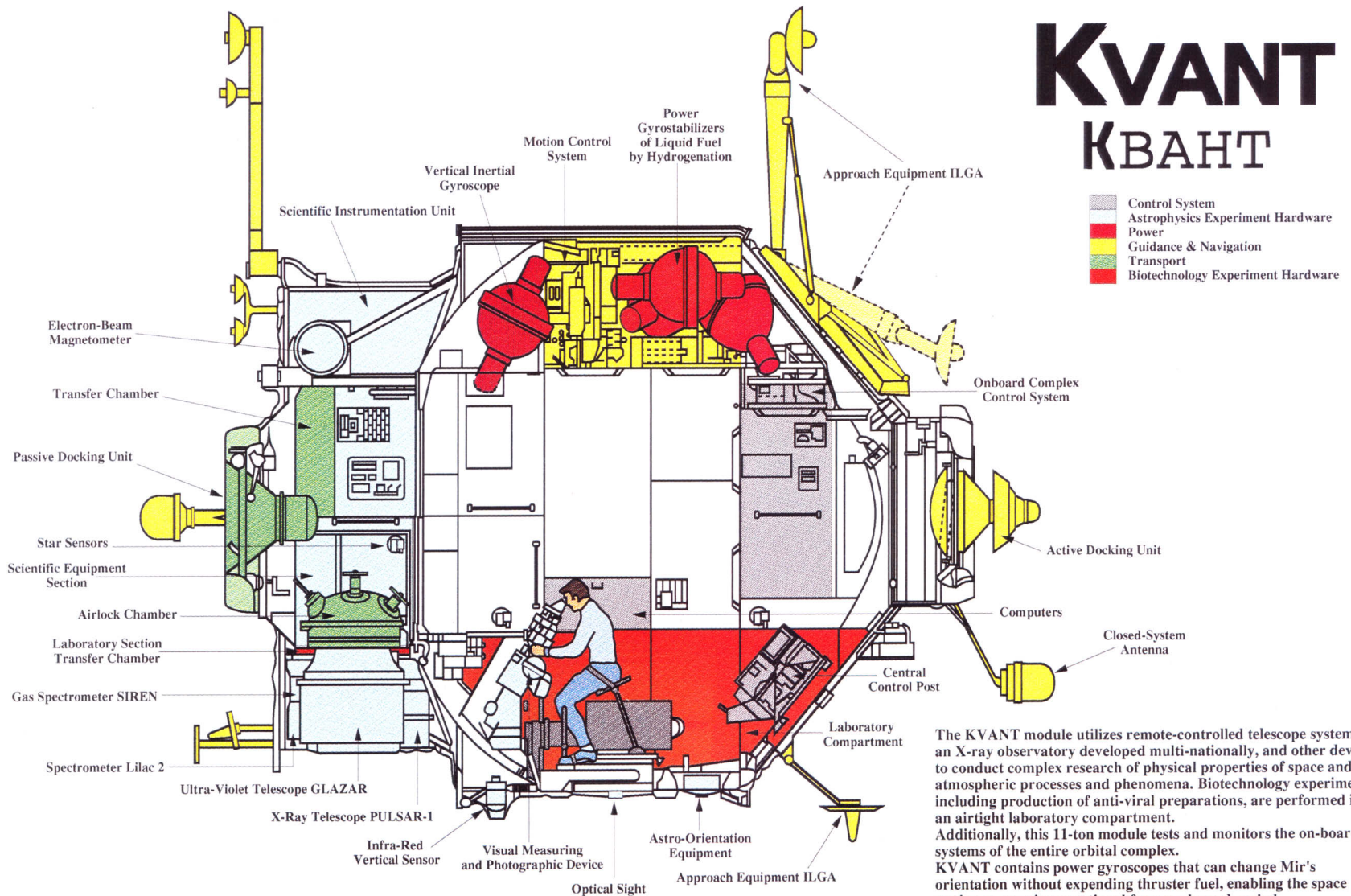


KVANT КВАНТ



The KVANT module utilizes remote-controlled telescope systems, an X-ray observatory developed multi-nationally, and other devices, to conduct complex research of physical properties of space and atmospheric processes and phenomena. Biotechnology experiments, including production of anti-viral preparations, are performed in an airtight laboratory compartment. Additionally, this 11-ton module tests and monitors the on-board systems of the entire orbital complex. KVANT contains power gyroscopes that can change Mir's orientation without expending thruster fuel, enabling the space station to remain operational for a prolonged period.