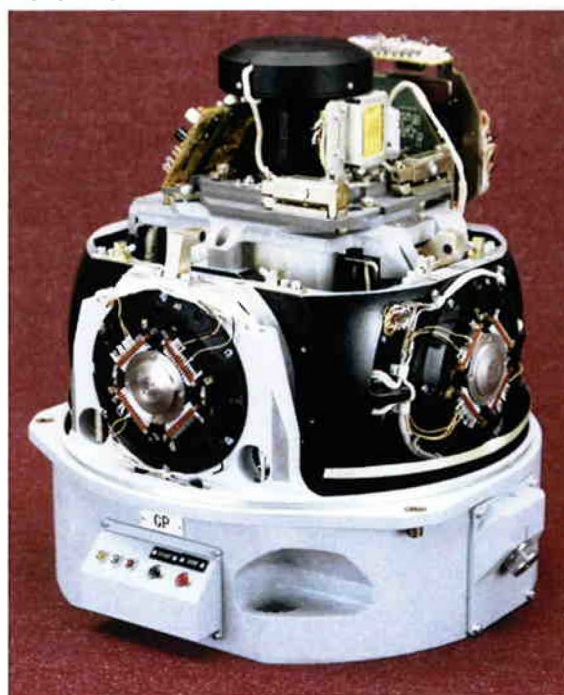


## MOBILE GRAVIMETER «CHEKAN»

**DESIGNED** as a single unit consisting of a gravity sensor based on double quartz elastic system with CCD optic-electronic converter, all mounted on the gyro stabilizer with gyros and digital servo drive.

**INTENDED** for precision gravity measurements in a high motion environment

**SOFTWARE** is sufficient for complete on-board processing and accuracy estimation of the survey results



### TECHNICAL SPECIFICATIONS

• range	(+)-(-) 5 000 mGal
• accuracy at sea	0.5 mGal
• accuracy in dock	0.2 mGal
• sensitivity	0.01 mGal
• drift predictability	1 mGal/month
• operating temperature	(+)-10-(+)-30 deg
• resolution (5 knots )	2-2.5 km.
• frequency of data acquisition	up to 200 Hz
• interface	RS- 232/RS-485
• power consumption	300W
• overall dimensions	Ø430x638 mm
• weight	72 kg