

At the end of 2013 GEOSVIP JSC, following an agreement with Seismic Source LLC, USA, started to outfit seismic vibrators both with GEOSVIP-built Vicont/*SweepMaster* control electronics and FORCE-3 control system built by Seismic Source LLC.

Basic Characteristics of FORCE-3 Control Electronics



FORCE-3 VIBRATOR CONTROL SYSTEM



- * COMPLETE SOURCE CONTROL SOLUTION FOR ALL RECORDING SYSTEMS
- * MAXIMUM FORCE OUTPUT WITH MINIMUM DISTORTION
- * FULLY COMPATIBLE WITH ALL SERVO-HYDRAULIC VIBRATORS
- * AUTOMATIC VIBRATOR CALIBRATION
- * REAL TIME QUALITY CONTROL - IMMEDIATE REACTION TO ERRORS
- * WI-FI ETHERNET
- * CENTIMETER ACCURATE GPS
- * WIRELESS DIGITAL SIMILARITIES
- * GPS TIME SYNCHRONIZATION
- * STABLE, FAULT TOLERANT SYSTEM

* Number of sweeps in library:	64 standard, custom or linked
* Sweep resolution, bit	24
* Control system sample rate, msec	0.25
* Built-in Ethernet speed, Mbit	100
* Max. number of vibrators or shooters	256
* Max. number of simultaneous sweeps	64
* Supported output standards	SPS, SEG-P1, SBS
* Power input, VDC	9...36
* Size / Weight:	
- F3 Control Unit, mm / kg	406x304x152 / 10
- UE-II Encoder Unit, mm / kg	352x242x66 / 3,6

