V30 Vibrator

Specification

- Peak force: 19.6kN (4400lbf)
- Frequency range: 1 to 250 Hz
- MD Frequency: 3.5Hz 75% output
- Servo Valve: Atlas + Moog
- Mass Weight: 400kg
- Mass Stroke: 15.2cm

Physical Data

- Fuel capacity: 110L
- Drive pump: Sauer-Danfoss
- Drive motors: 2×
- Gradeability: ≥ 20°
- Max Speed: 7 km/h
- Mass Weight: 3000 kg
- Dimension: 2000*1500*1760mm
- Travel System: Track & Tire

Hydraulic System

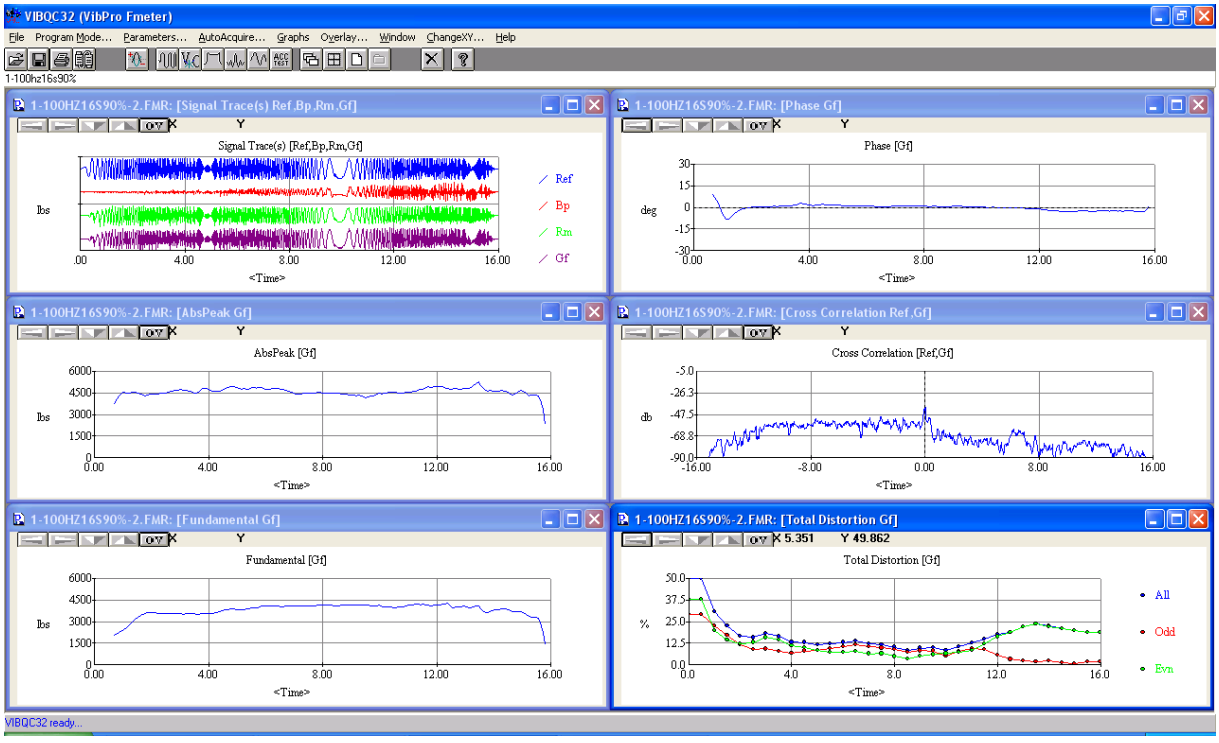
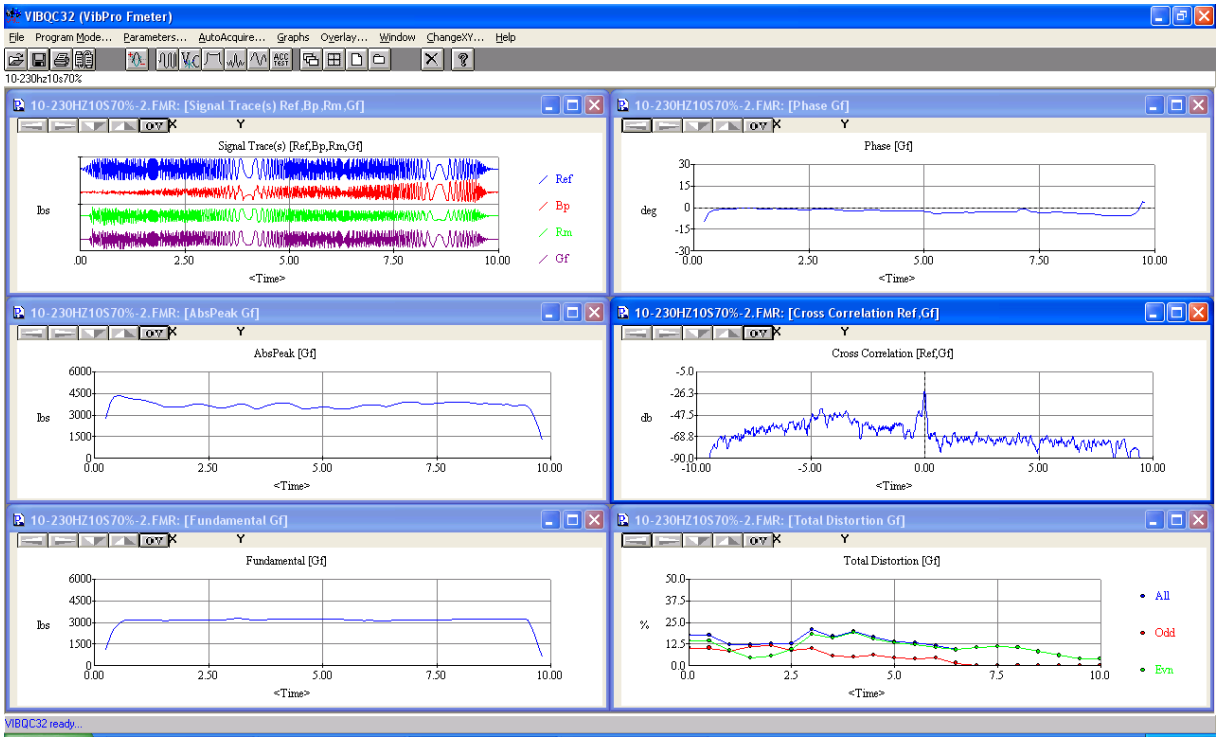
- Pressure: 3000 psi
- Filtration: 3-micron absolute servo filter
- Accumulator: 2×10L for HP and LP
- Hold-down weight: 5000 lb

Engine

- Cummins 47.8kW, 224N.m/1600rpm

Reference

1-100Hz I 90% I 16 S



10-230Hz I 70% I 10 S