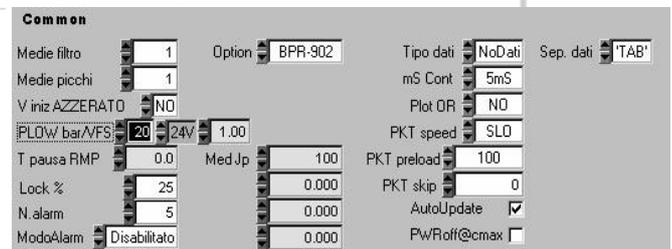
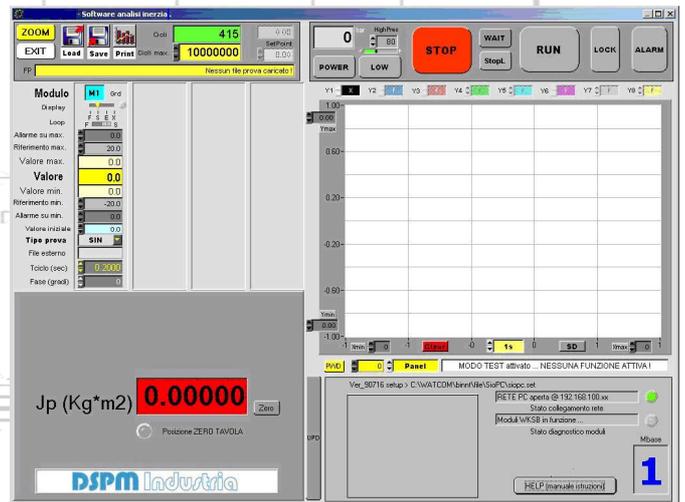


Portable Polar Inertia Measurement System IMS-906



Main Features

- Direct measurement of Inertial torque - J_p [kgm²]
- Continuous sinusoidal motion
- Angular velocity loop control
- Frequency and angular range selectable
- Sequencing from file
- Automatic Self Test

Technical Data

Polar Inertia data

Range	0-0,1 kgm ²
Accuracy	0,15% FR
Repeatability	0,05% FR

Sinusoidal Motion

Frequency Range	0-10 Hz
Frequency Accuracy	0,01%

Angular Position

Angular Range	+/- 30°
Accuracy	<0,01°

Kinematics

Drive	direct drive brushless torque motor
Torque	+/- 20 Nm max
Torque cell	+/-50 Nm - 0,05% accuracy 1000 N axial load- dead weight

Interfaces

Remote control on PC	RJ45 Ethernet
Executable software	
Power supply	220 Vac - 50Hz

Dimension	580 x 380x 280mm
Mass	20 kg approx.