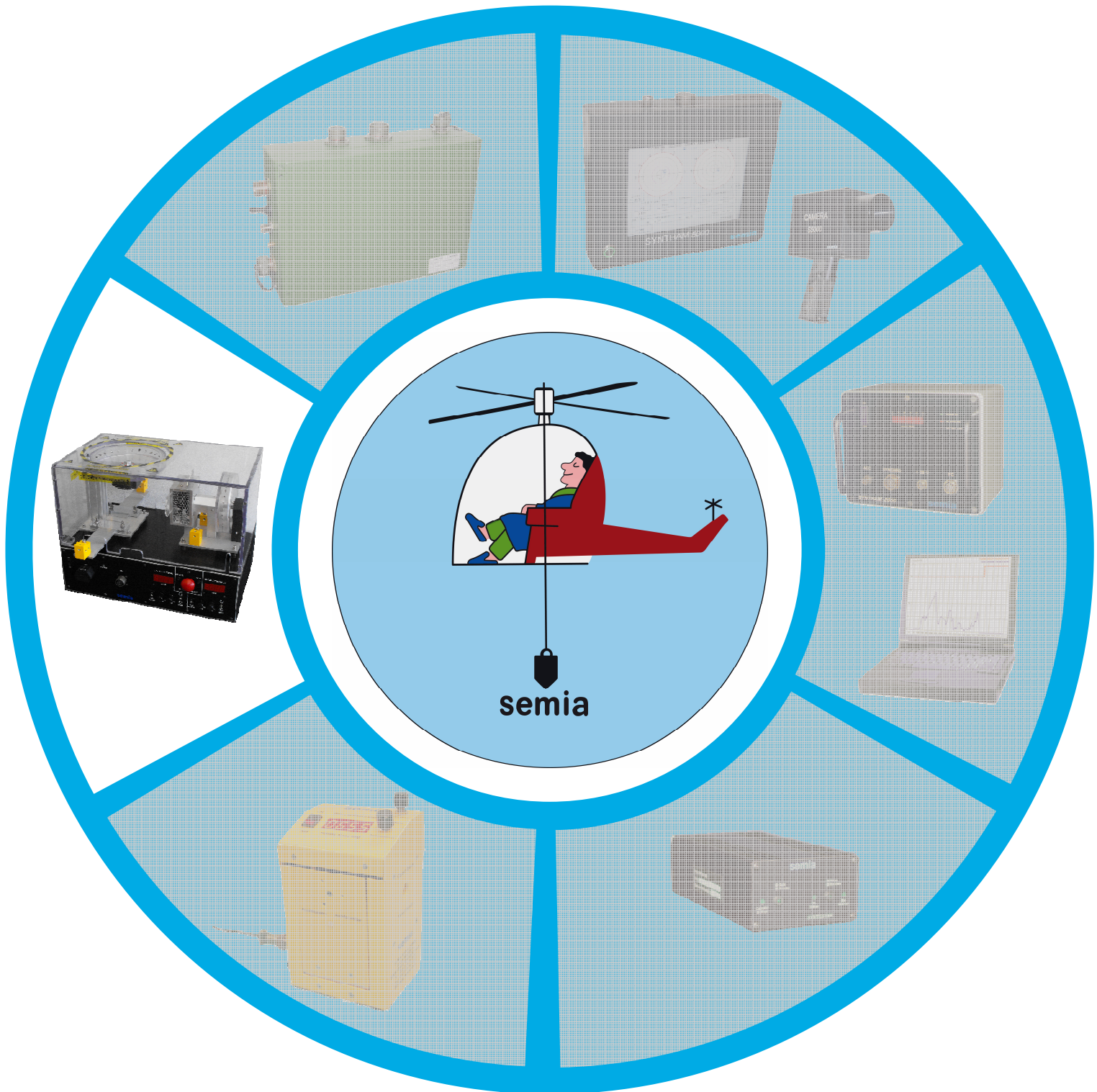




VibSim



Vibration Simulation

ISO 9001
EN 9100
BUREAU VERITAS
Certification



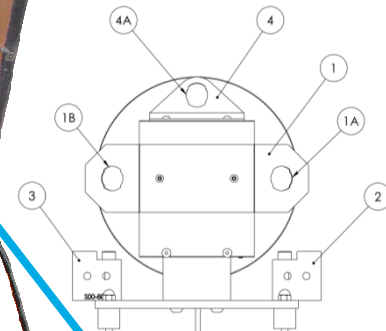
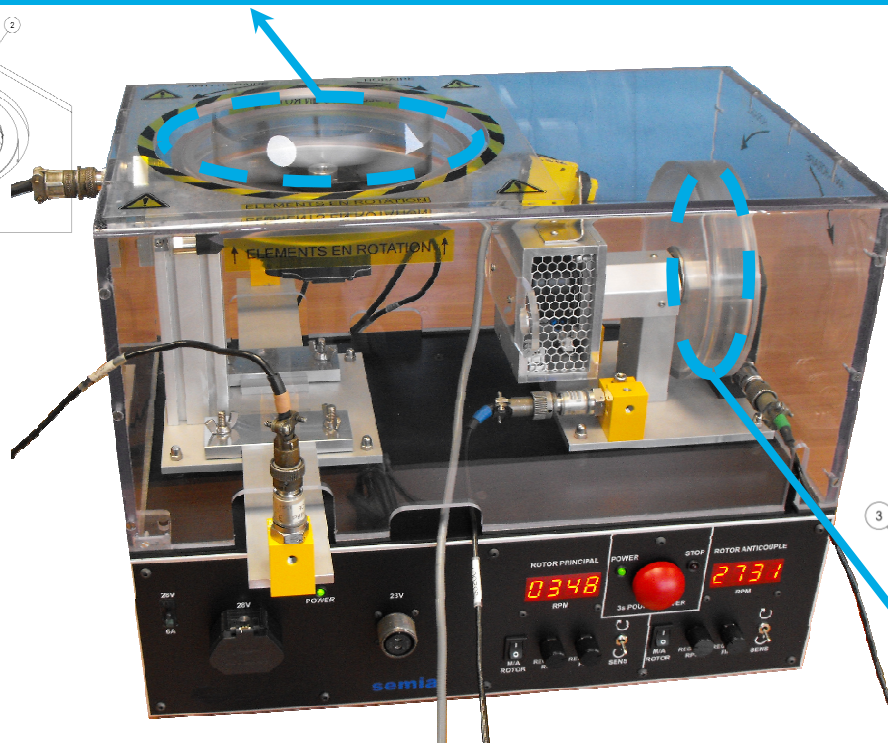
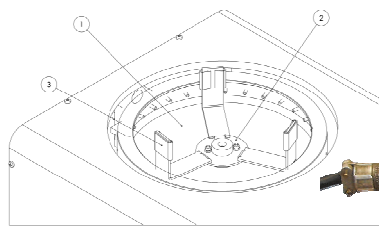


VibSim : Test & Training

- **VibSim** is designed to simulate various vibration situations regarding Rotor Track and Balance (RTB) on any aircraft. VibSim can be connected with any vibration measurement system. (Vibrex, SteadyControl, Syntham 5000, Rotortuner, etc...)
- The use of **VibSim** is double:
 - For **Testing** all type of equipment regarding vibration on fixed wings or rotating blades
 - For **Training** people in room instead of use a "large" aircraft (with all associated costs)
- **VibSim** includes two "disk" rotors (30 balancing points on each) and all accessories (brackets, small weights and blade's kits) to create and balance vibration.
- The rotors speed setting board gives the choice to simulate any aircraft configuration.

MAIN ROTOR

- 2 setting arms with tri-axes brackets
- 3, 4 or 5 Blades mini-rotors is usable for stroboscopic visualization
- Over vibration automatic shut-down
- 1 tri-axes bracket on top of rotor foot
- 1 speed sensor bracket



TAIL ROTOR

- 2 tri-axes brackets on rotor base
- 2 positions for sensors on rotor foot
- 3 speed sensor position (9', 12', 3' O'Clock)
- Over vibration automatic shut-down

TECHNICAL CHARACTERISTICS

- Adjustment weights.....0,1g to 20g
- Balancing points.....30 per disk
- Rotation speed amplitude
 - Main rotor.....100 – 500 RPM (+/- 2 rpm)
 - Tail rotor.....80 – 8500 RPM (+/- 5 rpm)
- Power Supply.....90 – 230VAC (47-63 Hz)
- Storage and Service Temperature.....0/+40°C
- Dimensions.....470/330/380 mm
- Weight.....18,3 Kg alone / 34,7 Kg complete
- Carry case.....600/600/600 mm