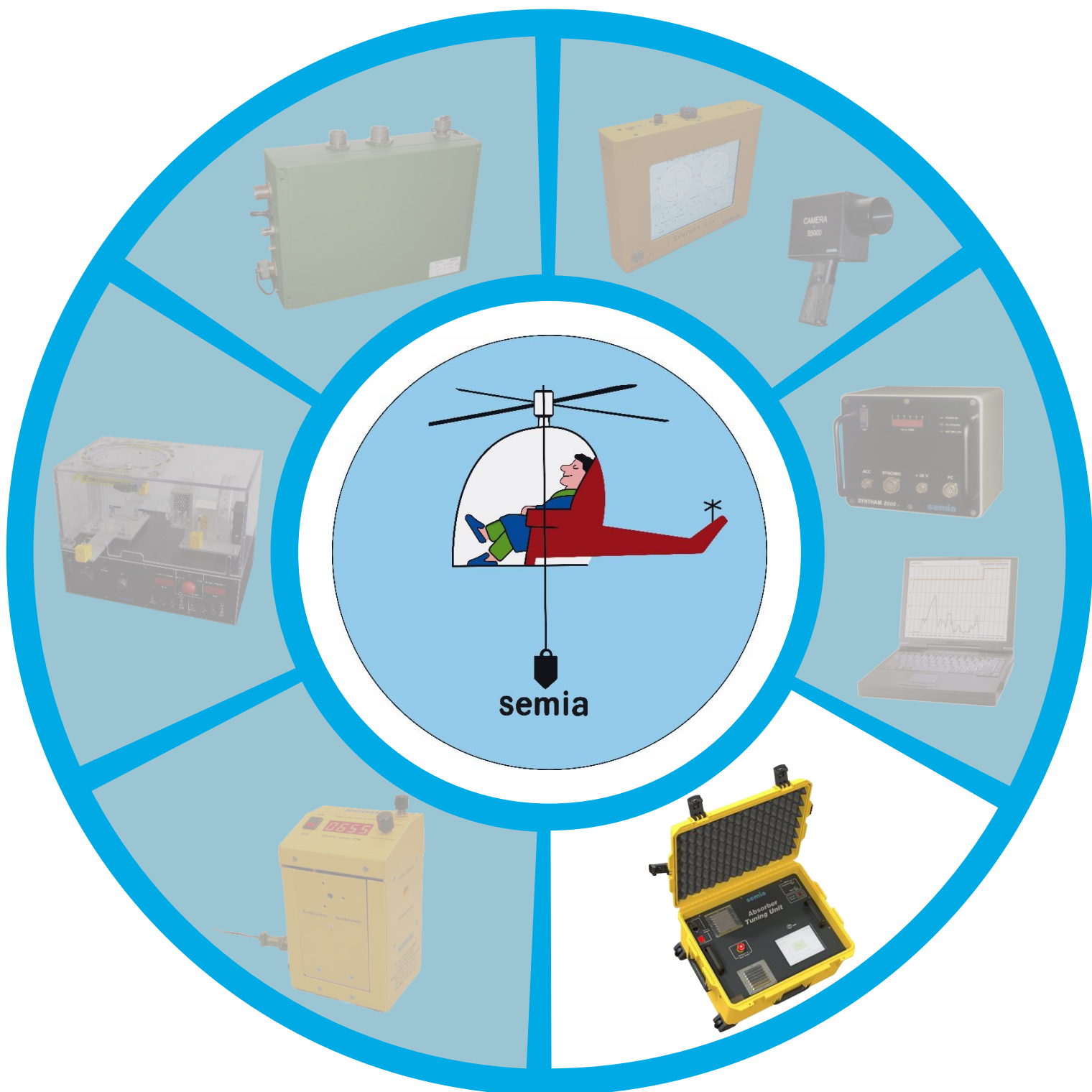




Absorber Tuning Unit



Cabin Vibration Management

ISO 9001
EN 9100
BUREAU VERITAS
Certification

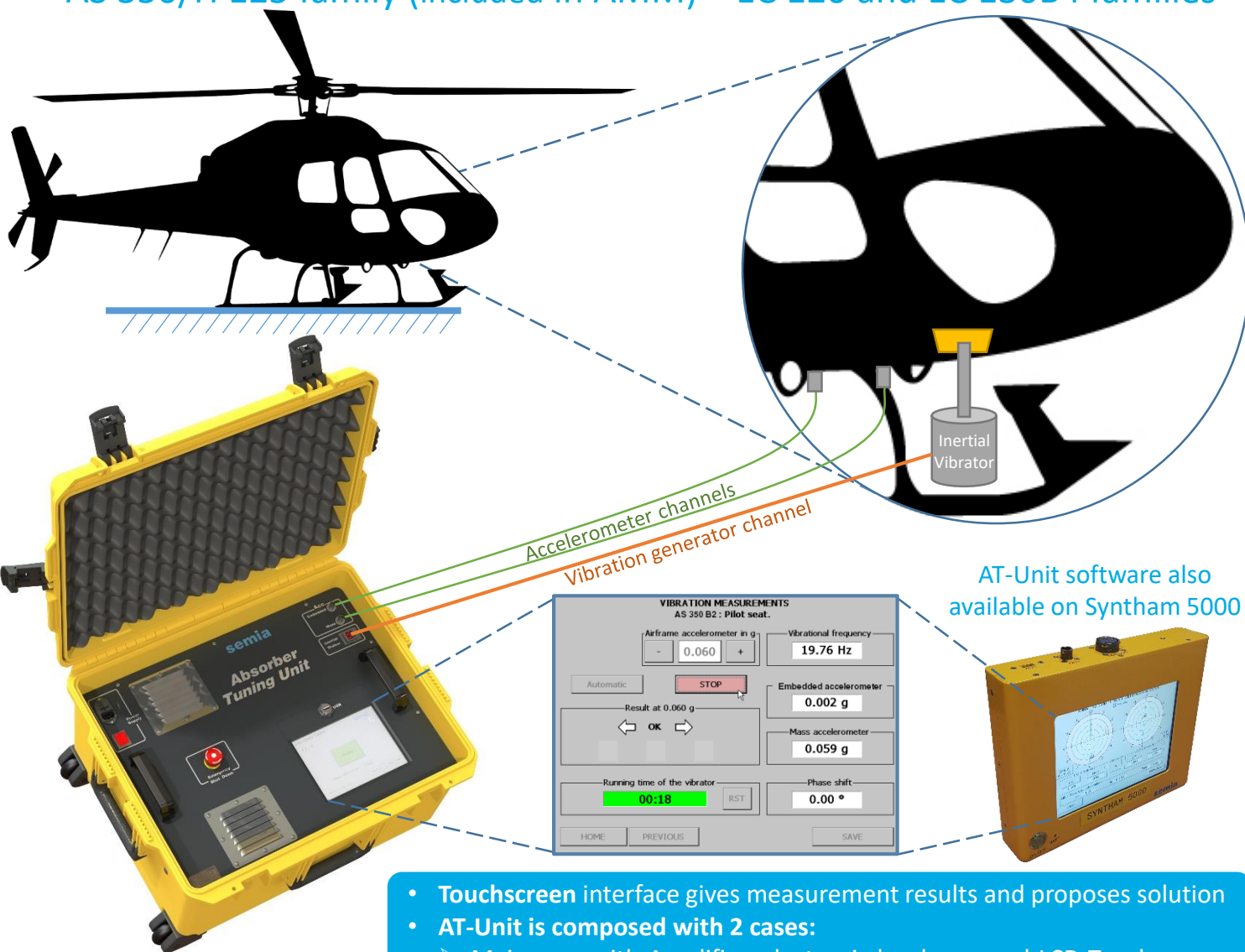




Simple way to set cabin anti-vibrator

- **The Absorber Tuning Unit** is used to reduce vibration of the helicopter structure coming from rotor rotation on Airbus Helicopters AS 350/H 125 family (version for EC 120 and EC 130B4 families available)
- On static ground helicopter, **the Absorber Tuning Unit** generates vibration with inertial vibrator and performs measurements to set up the cabin anti-vibrator regarding its weight value or position
- **AT-Unit** shows some advantages on maintenance cost reduction: No need of flight, no need of fuel !!
- **AT-Unit** can also be controlled by **Syntham 5000** (New airframe function)

AS 350/H 125 family (included in AMM) + EC 120 and EC 130B4 families



- **Touchscreen** interface gives measurement results and proposes solution
- **AT-Unit is composed with 2 cases:**
 - Main case with Amplifier, electronic hardware and LCD Touchscreen, connections for 2 measurement points (Embedded and Mass accelerometers) and 1 inertial vibrator, Emergency Push-Button
 - Accessories case with inertial vibrator and mounting kit, 10Kg weight (inhibition of unmeasured point), 2 accelerometers and cables

TECHNICAL CHARACTERISTICS

- Display.....LCD Touchscreen 8,4"
- Amplitude measurement accuracy.....< ± 0,05g
- Phase measurement accuracy..... ± 1°
- Pass-band filter quality factor.....6.15
- Accelerometers sensitivity.....100 mV/g
- Main case dimensions.....625/500/366 mm
- Main case weight.....26.5 Kg
- Accessories case dimensions....625/500/297 mm
- Accessories case weight.....37 Kg
- MMI and control compatibility.....Syntham 5000