

**OPTION:**   
- Live antenna detection  
- Connectivity features



## Feature & Description

The BGI087 is a stand alone equipment. It tests the bending fatigue resistance of the booklet.

- Easy to use thanks to a screen touch interface in order to create and modify program
- Internal control system: no computer required
- Tests 5 e-passports simultaneously (same run course), with the possibility to **test the passports further than the norm** changing only parameters on the interface (number of cycles, frequency, length...)
- Dimensions : 580x320x480mm / Weight 33 kg
- **Norms references: ICAO V3.2 5.7 & ISO 18745 8.7**

### Test characteristics

- ICAO or ISO test, configurable test by menu
- Frequency: from 0.1Hz to 1Hz (ICAO/ISO is 0.5Hz)
- Mobile run axis from +/- 42mm, adjustable
- Number of cycles: from 1 to 999 999.

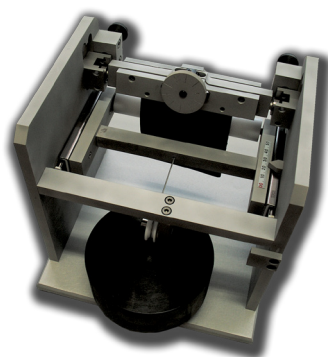
### Facilities / Environmental conditions

- Power: 100-240V AC
- Frequency: 50-60Hz single phase
- Power consumption: 100W maximum
- Operating temperature: +10°C to +40°C

## Options

The BGI087a and BGI087b calibration tools are used to prepare the passport before the dynamic bending test. The norms are defining a calibration method which will adapt the amount of travel to the rigidity of the passport. The calibration tool will help you to find the correct value and then define the length of the movement that the dynamic bending equipment must realize (the amplitude of the test will depend on the nature of the passport)

BGI087a Dynamic bend  
**mechanical** calibration tool



BGI087b Dynamic bend  
**electrical** calibration tool

