

Pro-MRI BASIC kit

09-001



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DIAGNOMATIC

This kit is a versatile set of phantoms and software for carrying out constancy and acceptance tests of magnetic resonance units. Thanks to the Pro-Control.online subscription, all tests can be quickly and effortlessly automatically analysed online and with the desktop app.

Standard kit configuration:

- Pro-MRI (09-101)
- Pro-MRI - detachable spirit level (09-104)
- Diagnomatic BASIC annual subscription
- carrying case with dedicated foam inlay

The kit can be used to measure:

- geometric distortion
- spatial resolution
- slice thickness and position
- interslice gap
- T1 and T2 values
- image bandwidth
- low contrast detectability
- image uniformity
- Signal-to-Noise Ratio (SNR)
- physical and electronic slice offset
- point of reference
- bandwidth: water-fat shift

Product features:

- complies with:
 - ACR MRI Accreditation Program
 - IPEM Report 80 "Quality Control in MRI", 1998
 - AAPM Rep. 28 "Quality Assurance methods & phantoms for MRI", 1990
 - AAPM Rep. 34 "Acceptance testing of MRI systems", 1992
 - AAPM Rep. 100 "Acceptance & Quality Assurance procedures for MRI facilities", 2010
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration