

NORMI PAS Set 1054

Mammo Test Object



Test object for acceptance and constancy tests of digital mammographic X-ray installations

Features

- ▶ Checks all relevant parameters of digital mammographic X-ray installations
- ▶ ACR test element based on the Mammographic Accreditation Phantom of the American College of Radiology (ACR) included
- ▶ Optional test element for acceptance tests available
- ▶ Complies with DIN PAS 1054 in combination with IEC 61223-3-2

NORMI PAS Set 1054 is used to test specific values of digital mammographic X-ray installations. The modularly composed phantom includes a basic phantom, a structure plate, three PMMA absorbers and up to five different test elements for insertion into the structure plate:

- ▶ Test element PMMA for testing the average gray value
- ▶ Test element ACR with micro-calcifications and fibrils
- ▶ Test element HK for testing the high contrast
- ▶ Test element KRV for testing the signal-to-noise-ratio
- ▶ Optional test element AP for testing the low contrast.

The resolution test pattern embedded in the structure plate can be rotated by 45°, 60° and 90°. The basic phantom has an inclined step wedge with 14 ranges for testing the dynamic range. Two lines of five steel balls each symmetrically placed in the structure plate and in the basic attenuation phantom show the limitations on the thoracic wall side. Various acrylic absorbers can be used for testing the automatic exposure control (AEC).

Ordering Information

L981248 NORMI PAS Set 1054/KP

L981279 NORMI PAS Set 1054/AP

Options

T42028.1.020 Test element AP for acceptance tests

T42028.3.050 PAS PMMA step substitute

T42028.1.018 Aluminum step