

Analysis Software

▶ AutoPIA software

AutoPIA (Automatic Phantom Image Analysis) is a software for automatic recognition and analysis of test images of objects (phantoms) used to evaluate image quality. AutoPIA is able to quickly provide reproducible and objective quality indices for routine quality control processes aimed at optimizing the performance of an X-ray system.

AutoPIA automatically analyses a given digital image and quickly calculates objective, reliable, and reproducible indices to evaluate the performance of a radiological equipment. Then it stores the analysis results and provides control charts with baseline and threshold values in order to keep track of quality trends and abnormal conditions.

AutoPIA is currently able to recognize and analyze the following phantoms:

Mammography

TOR MAS
TOR MAX

Radiography (CR and DR)

TOR CDR
PIX13

Fluoroscopy

TOR 18FG

Contrast threshold

TO 10, 12, 16, 20

A demonstration license for AutoPIA can be downloaded from:

[AutoPIA Demo page](#)

