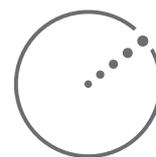


AutoCAL™

Beam Limiting Device setup
and calibration simplified



*The fast, secure alternative
to film-based calibration*



ELEKTA

AutoCAL™

Simplified automated confidence

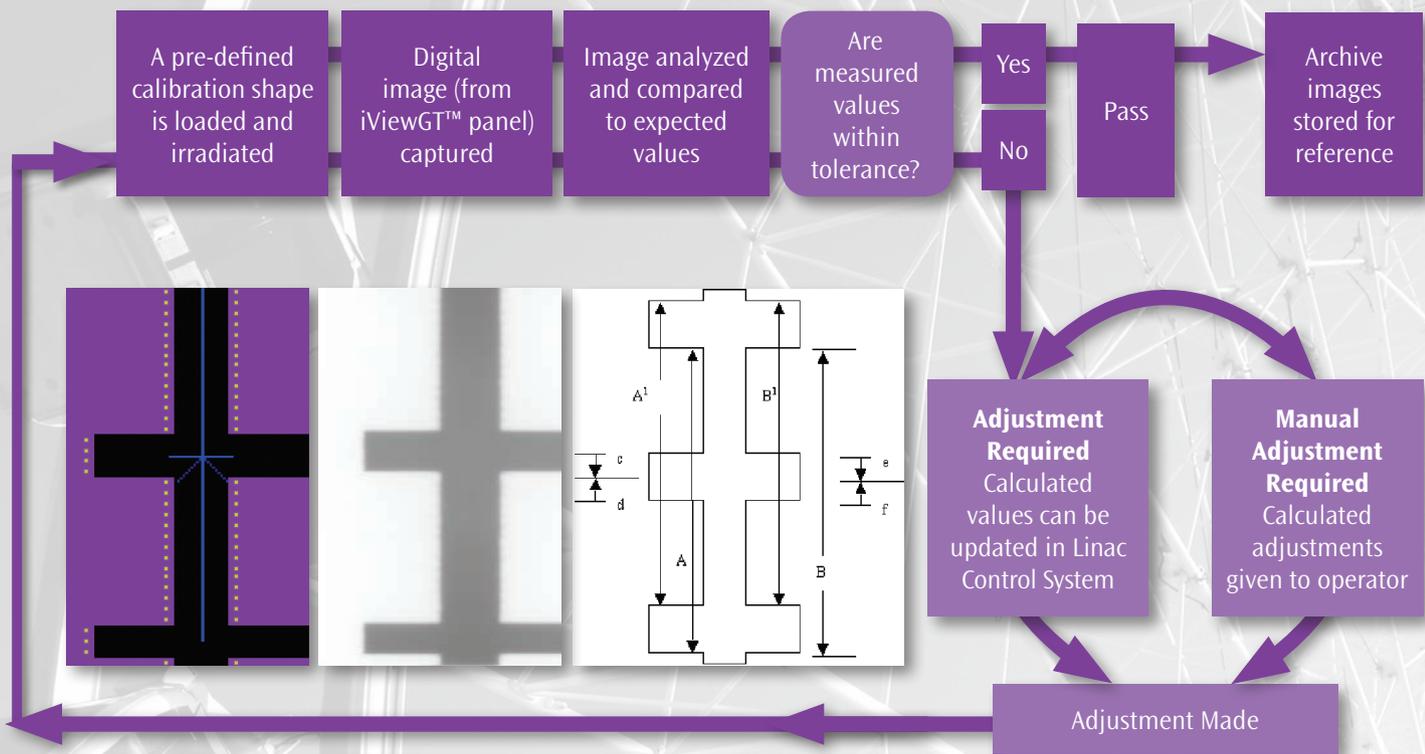
AutoCAL™ automates EPID panel geometric setup and Beam Limiting Device (BLD) calibration via an easy to use workflow-oriented taskbar. Comprehensive enough to be used in conjunction with other independent tools and methods that compare gold standard data yet fast enough to be easily integrated into routine Linac Quality Management processes.

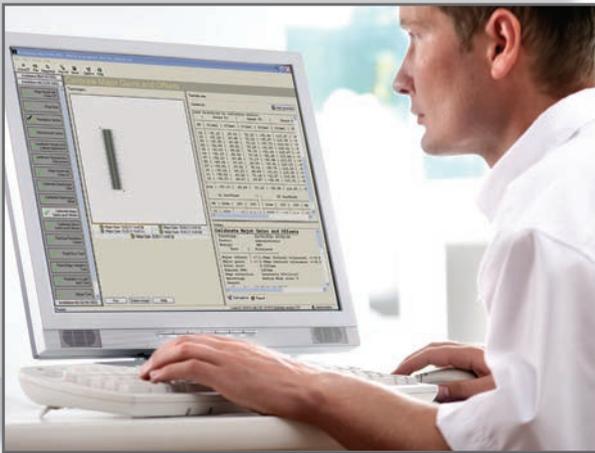
Powerful software algorithms make AutoCAL a valuable tool to provide confidence in calibrating equipment to deliver more complex dynamic treatments. The Stripe Test module specifically

allows checking of potential hot or cold spots during IMRT and VMAT treatments.

Supporting all aspects of X/Y collimator jaw and leaf calibration, images and calibration results can be easily archived for subsequent analysis and trending, allowing you to plan your time as required.

Available as an upgrade option to Elekta digital linear accelerators fitted with MLCi or MLCi2 collimators, AutoCAL streamlines BLD installation, setup, acceptance tests and maintenance procedures.





Speeding Up BLD Set-up and Calibration

Installed directly onto any iViewGT™ acquisition workstation or networked computer/laptop, AutoCAL reads images directly from the iViewGT database without any loss of resolution.

The acquired digital image sets are automatically analyzed, AutoCAL establishes whether BLD leaves and diaphragms are within tolerance and calculates any required adjustments on a leaf by leaf basis. Updated calibration values are then exported to the Treatment Control System at the touch of a button.

Why AutoCAL?

Automates BLD calibration, panel setup, leaf bank setup and acceptance tests by using EPID images from iViewGT

Provides confidence via Stripe Test functionality to deliver dynamic treatments such as VMAT

Improves time efficiency by eliminating film imaging, processing, scanning and analysis

Gives easy access to images and calibration results for simplified archiving, retrieval and offline digital analysis

Fast enough to be part of routine linear accelerator quality control processes

Provides superior reproducibility by avoiding positioning and marking uncertainties

Fully compatible with MLCi and MLCi2

A human care company, Elekta pioneers significant innovations and clinical solutions for treating cancer and brain disorders. Elekta provides intelligent and resource-efficient technologies that improve, prolong and even save patient lives. We go beyond collaboration seeking long-term relationships built on trust with a shared vision, offering confidence to healthcare providers and their patients.

www.elekta.com

Human Care Makes the Future Possible

Corporate Head Office:

Elekta AB (publ)
Box 7593, SE-103 93 Stockholm, Sweden
Tel +46 8 587 254 00
Fax +46 8 587 255 00
info@elekta.com

Regional Sales, Marketing and Service:

North America

Tel +1 770 300 9725
Fax +1 770 448 6338
info.america@elekta.com

**Europe, Middle East, Africa,
Eastern Europe, Latin America**

Tel +46 8 587 254 00
Fax +46 8 587 255 00
info.europe@elekta.com

Asia Pacific

Tel +852 2891 2208
Fax +852 2575 7133
info.asia@elekta.com

