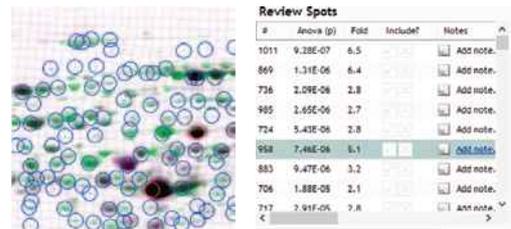


CLIQS gel analysis software options are available for quantitative gel analysis following gel documentation. Each software option offers the highest level of automation currently available and guides the user step by step through the analysis process.

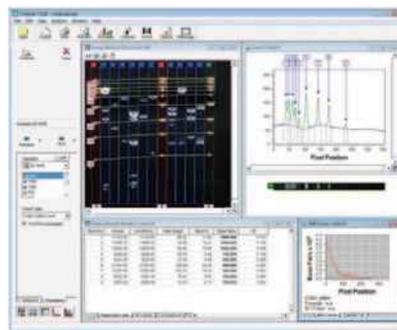
A user-friendly interface is split into four parts allowing the user to view within a single screen every aspect of gel quantitation, including the gel image, lane and band profiles, analysis data and the help menu. CLIQS gel quantitation is suitable for all users regardless of their experience. More advanced CLIQS 1D PRO software is recommended for researchers performing in-depth lane relationship studies.

2D gel electrophoresis software



SameSpots overcomes the common problems faced using 2D gel electrophoresis for differential protein expression analysis such as lack of reproducibility in results, hours of tedious spot editing and confidence in the statistical significance of measuring protein expression changes. SameSpots is simple to use and provides fast, objective results for differential expression of intact proteins using 2-D gels.

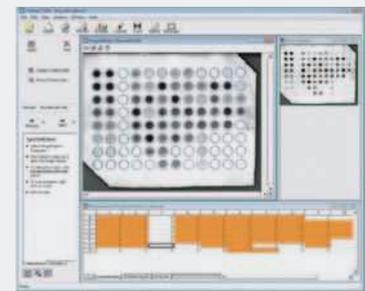
TECHNICAL SPECIFICATIONS	CLIQS	CLIQS 1D 21CFR	CLIQS 1D Pro
AUTOMATIC DETECTION OF LANES AND BANDS	✓	✓	✓
AUTOMATIC BACKGROUND SUBTRACTION	✓	✓	✓
IMAGE MANIPULATION TOOLS	✓	✓	✓
MOLECULAR WEIGHT CALIBRATION	✓	✓	✓
QUANTITY CALIBRATION AND NORMALISATION	✓	✓	✓
PROFILE DECONVOLUTION	✓	✓	✓
RF CALIBRATION	✓	✓	✓
BAND PATTERN MATCHING - SINGLE GEL	✓	✓	✓
BAND PATTERN MATCHING - LINES ACROSS MULTIPLE GELS			✓
BAND PATTERN QUERIES			✓
DENDROGRAM - SINGLE GEL	✓	✓	✓
DENDROGRAM - LANES FROM MULTIPLE GELS			✓
DATA ARCHIVE AND SEARCH FACILITY			✓
CLASSIFICATION AND IDENTIFICATION TOOLS			✓
REPORTS	✓	✓	✓
SUPPORTS COMPLIANCE WITH 21CFR PART 11		✓	
ARRAY ANALYSIS MODULE	✓		
COLONY COUNTING MODULE	✓		
TOOLBOX FOR GENERAL ANALYSIS	✓		



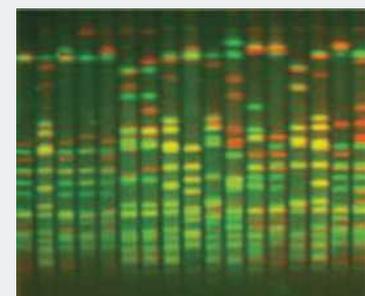
CLIQS, the software supplied exclusively with all microDOC1D models, features a user-friendly interface and help menu that provide a simple, guided workflow for fast and accurate quantitation and calibration of 1D gels and western blots. Main benefits include:

- The capacity to review each step within the automated workflow analysis, and manually intervene or edit if desired
- Highly developed algorithms which accurately detect lanes and bands even on distorted gel images
- A range of visualisation tools that facilitate further examination of lane and band data to verify results, including band calibration from Molecular Size standard lanes and accurate quantitation derived from known band volumes.

CLIQS includes a 1D module plus three modules for array analysis; colony counting and 2D spot measurement and general feature-based image analysis. The array analysis module can automatically detect up to 1536 wells or arrays spots and may also be used to quantify dot and slot blots. Array analysis and Toolbox modules also include multiplex analysis functionalities.



CLIQS – Array Analysis



TotalLab 1D / CLIQS – Multiplex Analysis

CLIQS 1D Pro is more advanced analysis software used primarily for band-pattern matching within individual DGGE, SSCP and RFLP gels that are important for cultivar experiments, evolutionary biology and population genetics. CLIQS 1D Pro has a powerful band matching feature, which is flexible and easy to use, while visual tools show the results of matching and identify similarities within an individual gel, including lane clustering via dendrograms. More info on our software range can be found on our website.



for more information on CLIQS analysis software

ORDERING INFORMATION

CLIQS	Core Laboratory Image Quantification Software (1D Image Analysis of DNA & protein, Western blotting, Colony counting and basic 2D spot measurement)
CLIQS1DPRO	Core Laboratory Image Quantification PRO Software (Accurate comparison of banding patterns in samples across multiple gels/experiments)
CLIQS1D21CFR	Core Laboratory Image Quantification PRO Software (Accurate comparison of banding patterns in samples across multiple gels/experiments) 21CFR compliance for GLP/GMP laboratories Automated detection algorithms for fast and accurate image analysis
SAMESPOTS	Pro 2D Software