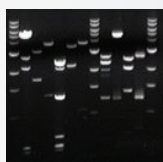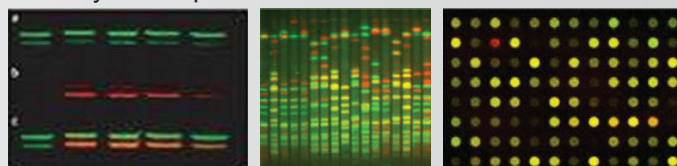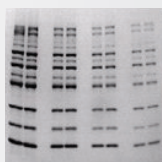# TotalLab™ Quant

TotalLab Quant is a suite of core analysis tools for quantitative image analysis applications in the Life Sciences.

Tools are included for analysis of both bands and spots from a variety of samples.
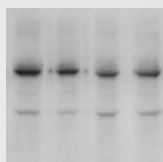
Following modules are included:
- ☐ 1D electrophoresis gel and Western blot analysis
- ☐ array / dot blot / slot blot analysis
- ☐ colony counting & basic 2D spot measurement
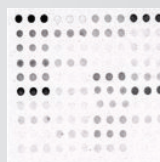- ☐ general feature-based image analysis
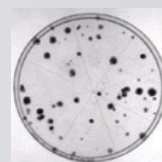

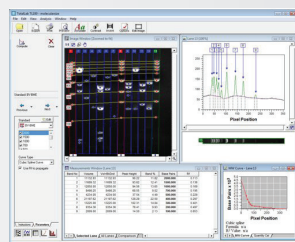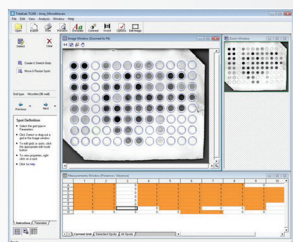| 1D DNA gel | 1D Protein gel | Western blot | Protein array | Colony counting |

The user then has full control of the visualisation tools and data display - outputting only those data fields that are of importance as well as the images of choice.

Features:
- ☐ compatible with 21CFR part 11 compliance module
- ☐ automatic detection of lanes and bands
- ☐ automatic background subtraction
- ☐ image manipulation tools
- ☐ lane templates
- ☐ molecular weight calibration
- ☐ quantity calibration & normalisation
- ☐ profile deconvolution
- ☐ reports
- ☐ array analysis module
- ☐ colony counting module
- ☐ toolbox for general analysis

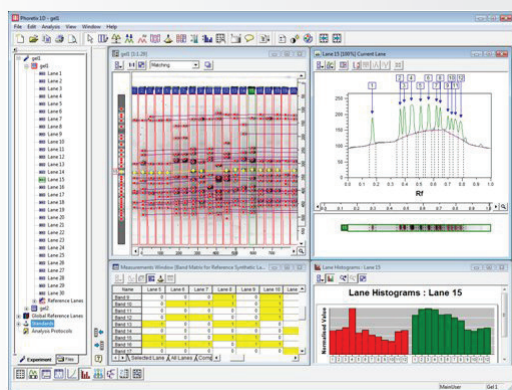| Software	Order number
TotalLab™ Quant (included WGD-20S / WGD-30S)	**DH.WGD00100**

Phoretix 1D

Phoretix 1D analyses gel in quantitative and qualitative ways. It can import TIF images from different sources.

Features:
- ☐ automatic detection of lanes and bands
- ☐ automatic background subtraction
- ☐ image manipulation tools
- ☐ lane templates
- ☐ molecular weight calibration
- ☐ quantity calibration & normalisation
- ☐ profile deconvolution
- ☐ Rf calibration
- ☐ band picking
- ☐ band pattern matching - single gel
- ☐ dendrogram - single gel
- ☐ reports
- ☐ array analysis module
- ☐ colony counting module
- ☐ toolbox for general analysis

Phoretix 1D Pro

Phoretix 1D Pro includes all features of Phoretix 1D as well as a database for storing and controlling of 1D experiments, gels and lanes.

Additional features:
- ☐ band pattern matching - lanes across multiple gels
- ☐ band pattern queries
- ☐ dendrogram - lanes from multiple gels
- ☐ data archive and search facility
- ☐ classification and identification tools

Software	Order number
Phoretix 1D	**DH.WGD00120**
Phoretix 1D Pro	**DH.WGD00121**