

Test Devices for Quality Control

Quality and parameter control of camera-based systems

Test gel for fluorescence

- symbolised test gel for testing gel documentation and Bio-Imaging systems
- made of transparent materials with fluorescent lane and band structure
- fluorescence excitation with the following wavelengths: 254 nm, 312 nm, 365 nm, 480 nm
- dimensions (L x W): 130 x 100 mm



Test gel for chemiluminescence

- symbolised test gel for testing chemiluminescence systems
- made of transparent materials with phosphorescent lane and band structure
- luminescence time in dependence on the activation intensity approx. 5 - 20 min
- excitation of the gel with surrounding light or other light sources in the visible range
- dimensions (L x W): 130 x 100 mm



Greyscale wedge

- for measuring the density and the calibration of scanner-based and camera-based Bio-Imaging system
- calibration with 21 defined OD-values (Optical Density)
- dimensions (L x W) 190 x 25 mm

Advantages of the biostep greyscale wedges

- marking of the single greyscales with the corresponding OD values or calibrating numbers
- marking of the boundaries between the greyscale areas by thin lines
- sufficiently large protection area on each side of the greyscale wedge for avoiding unintentional touches of the greyscale areas

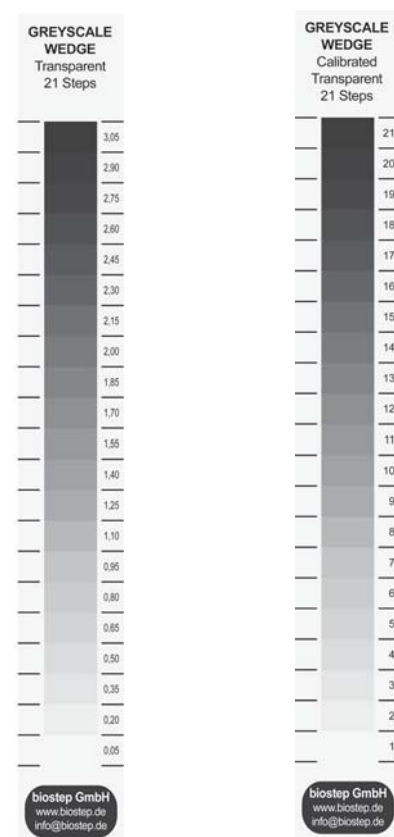
Technical data

Greyscale wedge, Standard

- density range 0.05 to 3.05 OD, progression 0.15 OD
- nominal allocation
- tolerance ± 0.03 OD

Greyscale wedge, calibrated

- density range 0.05 to 3.05 OD, progression 0.15 OD
- allocation of the most values (determined with a standardised method) to the greyscale areas
- tolerance ± 0.01 OD



Description	Order No.
Test gel for fluorescence	BZ06-Q1005
Test gel for chemiluminescence	BZ06-Q1060
Greyscale wedge 21 steps, Standard	BZ06-Q3021
Greyscale wedge 21 steps, calibrated	BZ06-Q4021