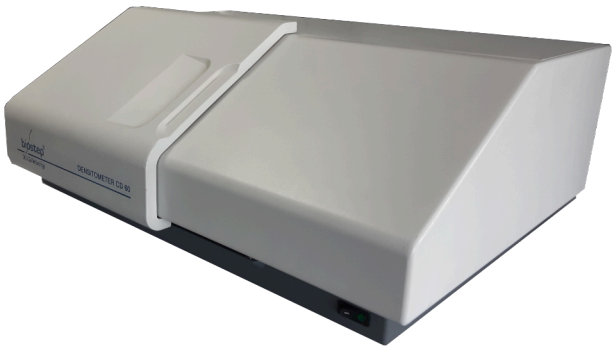
biostep®
a brand by bionis

HPTLC SCANNING Ddensitometer

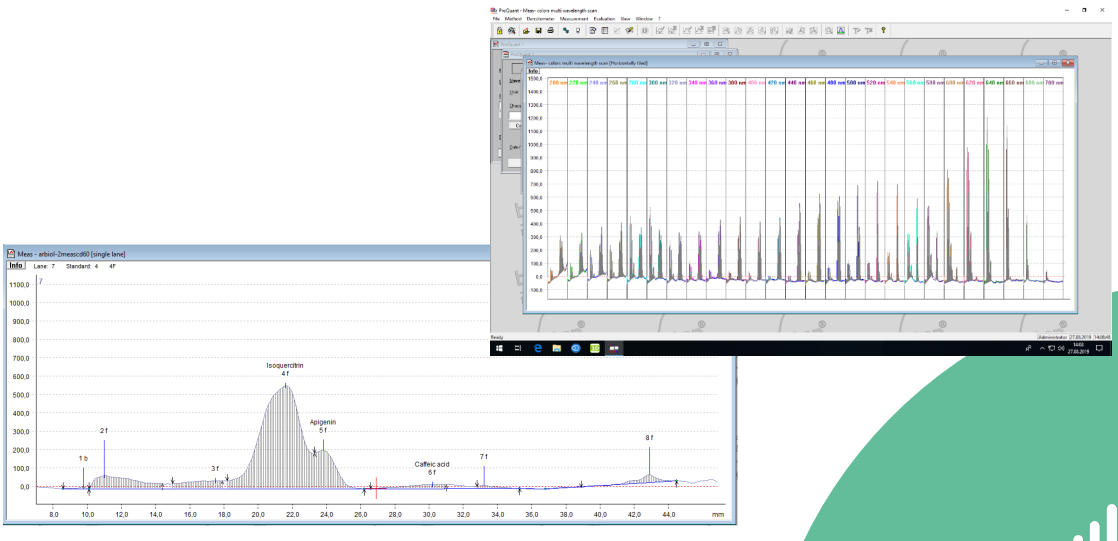
CD60

Reference: BS131.800

Absorbance or fluorescence measurement
Remission or transmission mode
For objects up to 265 x 200 x 4 mm
Automatic starting and switching of filters and lamps
Rapid data collection and evaluation
Recording spectra from 190 - 900 nm
Automatic background noise correction
Validated and certified Software-controlled by ProQuant
Ease of operation
Reproducible and reliable results
Meeting the requirements of GMP/GLP
SST (system suitability test) can be done using Bionis HPTLC system.
Can be hyphenated with any company make TLC-MS interface.



For quantitative determination of samples, the HPTLC-Densitometer CD60 converts the spots/bands of the single substances into a chromatogram curve. It measures the absorbance or fluorescence of separated compounds in transmission or reflection mode. The HPTLC-Densitometer CD60 is controlled by ProQuant software which also enables quantitative evaluation of the generated data.
The HPTLC-Densitometer CD60 works within a spectral range of 190 - 900 nm. This is provided by three light sources: a deuterium lamp (190 to 340 nm), a halogen lamp (340 to 900 nm) as well as a mercury lamp. Once the wavelength is selected, the densitometer will automatically start to scan the entire plate. It measures the absorbance or fluorescence reflected or transmitted by each sample.
This will be stored in the software in the form of peak tables. These tables consist of Rf values and area of each spot. Therefore, you can carry forward the quantitative evaluation of the generated densitometric data by ProQuant software



bionis
www.bionis.fr

biostep®
a brand by bionis

CD60

HPTLC SCANNING Ddensitometer

MEASUREMENT AND EVALUATION

Method Types
Method for chromatogram
Method for multi-wavelength scan
Method for spectrum

Results
Peak lists
Results for sample and standard
Automatic integration with manual correction facility
Linear, polynomial or Michaelis-Menten function

Recording Modes
Remission and transmission
Absorbance or fluorescence
Linear and Meander scan
Two-wavelength measurement
Multi-wavelength measurement

TECHNICAL SPECIFICATIONS

Object size Up to 265 x 200 x 4 mm
Spectral range 190 - 900 nm
Filters 370, 420, 450, 550, orange, UV
Max. scan length 5 to 195 mm
Max. scan width 5 to 260 mm
Slit width 0.4 to 10 mm
Slit height 0.02 to 2 mm
Dimensions (W x H x D) 730 x 550 x 300 mm
Weight 30 kg

REFERENCES FOR ORDER

Reference	Description
BS131.800	HPTLC-Densitometer CD60, 230 V, incl. interface box, software ProQuant
BS131.801	HPTLC-Densitometer CD60, 110 V, incl. interface box, software ProQuant
BS131.816	Software Provalid, program for automatic validation
BS131.830	Software Spectra Calc, program for compilation of spectra libraries
BS131.825	IQ/OQ documents for HPTLC-Densitometer CD60

BIONIS
6 rue de la Prevote
78550 HOUDAN - France
Tel: +33 1 75 25 62 05
E-mail: contact@bionis.fr

DISTRIBUTOR:

bionis
www.bionis.fr