

Reference: BS130.700
CHROMAJET DS20
Multi-reagents HPTLC derivatizer

Ensures perfect Repeatability and Accuracy for your TLC analyzes
Spraying on Precise Zones pre-defined by the operator
Perfect regularity of the shape of the jet
Almost total absence of Aerosol formation
Spray up to 4 reagents on one plate
Significantly reduces reagent consumption
Suitable for all common reagents
Automatic rinsing system
Stand-alone or PC-controlled, intuitive operation
User Protection and Security
Meeting the requirements of GMP/GLP
For any TLC/HPTLC plates up to 200 x 200 mm



The ChromaJet DS20 is a microprocessor-controlled sprayer for transferring the derivatization reagents onto TLC/HPTLC plates.
The advantages over manual spraying are a significantly reduced reagent quantity, a very uniform spray pattern and the avoidance of aerosol formation.
The application of the reagents is carried out with highest precision and is reproducible at any time.
This device, allowing TLC operations to be carried out in accordance with GLP prescriptions, protects the health of the user against any chemical risk (inhalations and splashes)
The ChromaJet DS20 can operate stand-alone or connected to a PC.
With a special software, different spraying methods can be created, saved and loaded.



Rack for reagents bottles

TECHNICAL SPECIFICATIONS

Derivatization area 200 x 200 mm
Jet speed 50 - 200 mm/s
Spray cycle 1 – 5
Spray grid 2 - 4 mm in 0.1 mm steps
Air throughput 70 - 100 %
Reagent throughput 50 - 240 s/mL
Filling rate, rinsing rate 6 - 30 s/mL
Rinsing operation 1 – 5
Dimensions (W x H x D) 440 x 405 x 275 mm
Weight 15 kg

REFERENCES FOR ORDER

Reference	Description
BS130.700	ChromaJet DS20, reagent spraying device, 230 V, incl. 1 pack of 50 tubes 40 mL, software
BS130.701	ChromaJet DS20, reagent spraying device, 110 V, incl. 1 pack of 50 tubes 40 mL, software
BS130.720	Filter, 1 pack of 20 pcs.
BS130.725	IQ/OQ documents for ChromaJet DS20
BS.63796	Tubes with flat base, screw cap, 40 mL, 1 pack of 50 pcs.
BS130.732	Exhaust hose, viton with connector, 2.50 m

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