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Data Sheet

Manual staining set



Version 1.1

Histo-Line Laboratories

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1. Features



SS112 - Manual staining set 12 seats



SS106 - Manual staining set 6 seats



SS103 - Manual staining set 3 seats

1.2 Information and specified use

The sets consist of a 3-, 6- or 12-place stainless steel frame impervious to acids and solvents, into which the trays (300 ml capacity) for performing histological and cytological staining methods are inserted. The 300 ml trays are equipped with a lid. The compact design allows the set to be placed under the hood without taking up too much space.

Each set comes with the corresponding trays and a 25-place vertical slide holder basket.

Given the technical characteristics of the product, no special measures for proper storage are required, nor is it considered necessary to establish a maximum shelf life.

Translated with DeepL.com (free version)

Code	Description	Packaging
SS112	Manual staining set 12 places complete with base staining, slide trays and slide basket	1 pc
SS106	Manual staining set 6 places complete with base staining, slide trays and slide basket	1 pc
SS103	Manual staining set 3 places complete with base staining, slide trays and slide basket	1 pcs
SS010	Plastic spare tanks 300 ml with lid	12 seats
SS020	Replacement 25-place slide rack	6 basket

1.3 Plastic spare tanks

Made of glass-fibre reinforced PET (polyethylene terephthalate), they are designed to resist all solvents, particularly those used for histology (xylene, or D-lemonene-based substitutes). They withstand temperatures between 0°C and + 170°C and can therefore also be used for immunohistochemistry methods. They come complete with lid, in the colour blue, in packs of 12. They are microwave and autoclave resistant.



1.4 Plastic spare handle

For 25 slides, made of PET with plastic (PET) handle resistant to acids, solvents and high temperatures. The basket handle is specially shaped for easy grip (as shown in the picture) and to allow the trays to be completely closed during use, thus preventing evaporation of reagents. The pack consists of 6 pieces.



2.3 General properties of PET

PET (polyethylene terephthalate) reinforced with glass fibres.

A member of the polyester family, it is a thermoplastic resin used for its properties: electrical, chemical resistance, performance at high temperatures, and speed of moulding. The addition of glass fibres further increases the material's strength. It withstands repeated autoclaving.

2.4 Chemical resistance of PET

Legend:

- +++ Resistant
- ++ Virtually resistant
- + Resistant with exception
- Marginal resistance
- No resistance; exposure can lead to deformation

Substances	PET
Acetone	++
Formic acid 85%	+
Ammonia 25%	++
Benzene	+++
Butyl acetate	++
Dibutyl phthalate	++
Acetic acid glacial	+
Formaldehyde	++
Hexane	+++
Potassium permanganate (aq. sol.)	+++
Sodium carbonate	+++
Sodium dichromate	+++
Phosphoric acid	++
Nitric acid 50%	++
Hydrochloric acid	++
Sulphuric acid	++
Toluene	+++
Hydrogen peroxide 30%	-
Xylene	+++

Storage

Given the type of product, there are no special preservation and storage requirements.

Cleaning methods

Wash in a dishwasher or by hand using standard laboratory soaps. No special cleaning and decontamination methods are required.

Stability

The product is to be considered stable over time.

Validity

Not applicable to this type of product.

Conditions of use

Not applicable to this product type.

Product Classification

The product is intended for professional laboratory use by healthcare professionals. The product is not classified as chemically hazardous. There are no special warnings and precautions for this type of product.

Disposal

Dispose of in accordance with current regulations.