

SERVA

■ serving scientists ■



SERVA BlueStain

Next-Level
Automatic
Gel Staining



For Diagnostics

For Research

For Biotech

The NEW SERVA BlueStain Gel Stainer

- Stains all gels and membranes - accurate and reproducible
- For 1D SDS and native PAGE, 2D and IEF gels, DNA gels
- Suitable for the whole range of currently applied staining methods
- Indispensable tool in research and diagnostics
- Ask for standard or customized staining solutions and reagents



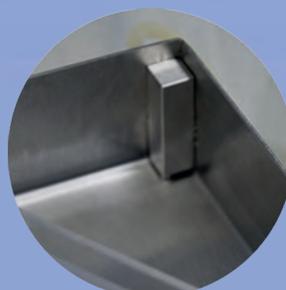
SERVA BlueStain Device - front view



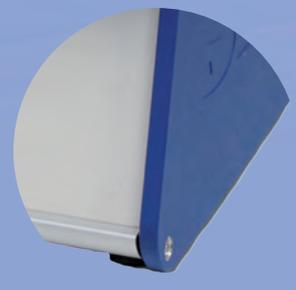
Touch screen for easy operation of the device. Waterproof and how the entire machine easy to clean



Staining tray made from stainless steel, with protective cover, separable for simultaneous staining of two gels



Staining dish inlet/outlet with splash guard



Sturdy housing made from coated aluminum

BlueStain Design: Flexible, Precise, Innovative

- Supplies up to 10 liquids in volumes up to 500 ml each
- For short or long time incubations – even over night
- Maintenance-free, quiet mechanics for moving the staining dish
- Easy access to all in- and outlets
- Spare part kit is available, containing tubes, connectors etc.



SERVA BlueStain Device - rear side



Peristaltic pump for quick and accurate filling/emptying of the staining dish



RS232 printer connection for optional operating of a thermal printer



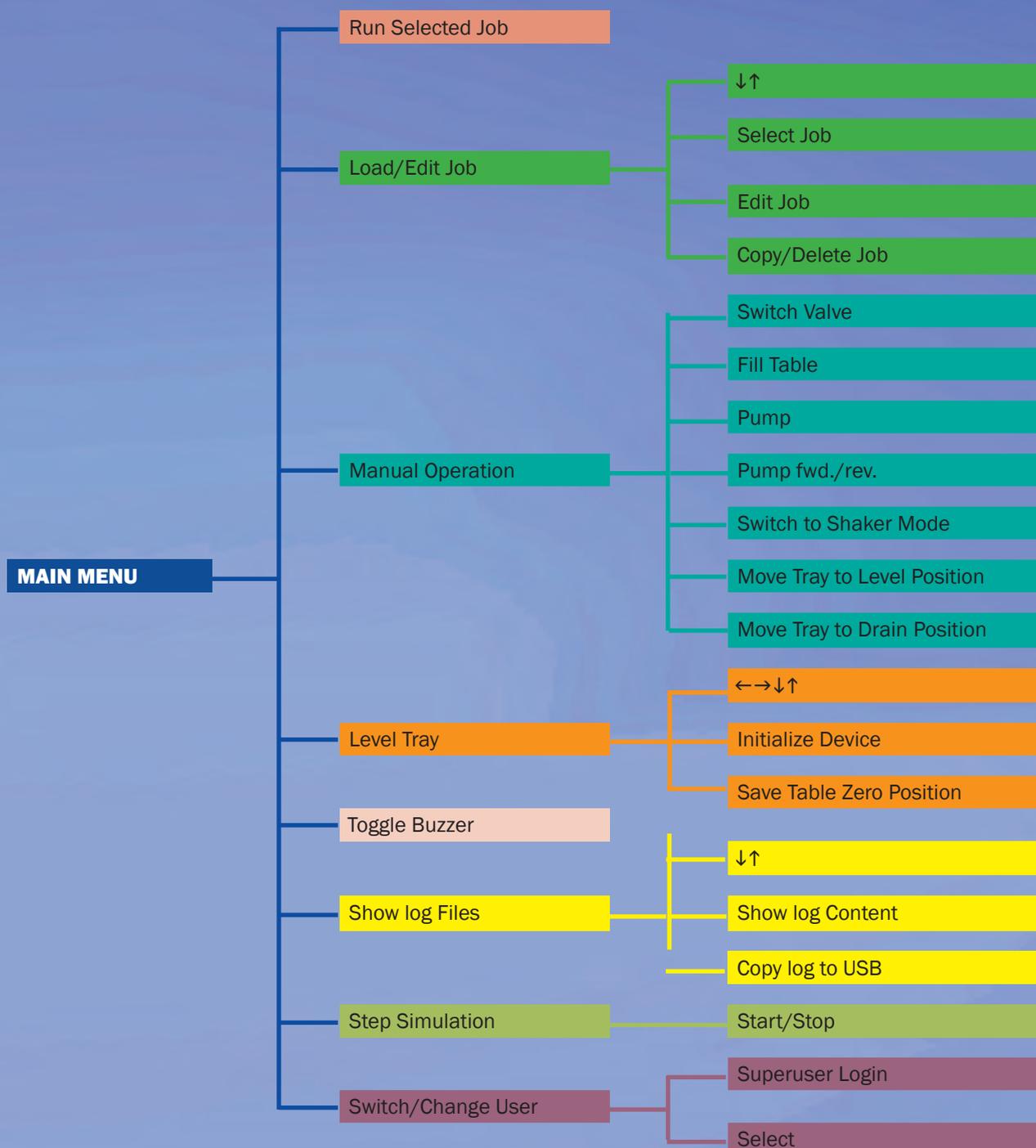
Pump distributor for 10 connections, controlled via the respective staining programm



USB 3.0 for fast data transfer, e.g. for readout of completed staining protocols

Program Tree of SERVA BlueStain

- Intuitive and fast operation
- Many functions - 8 menus with up to 6 sub-menus each
- Pre-installed programs for silver and Coomassie® staining
- Edit and store up to 12 programs
- Intervene in a program, change or discard the next step

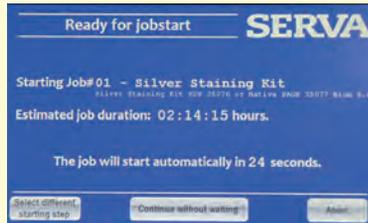


Easy Operation via Touch Screen Panel

- Self-explanatory control panels
- Editing, starting or interrupting programs



Home screen



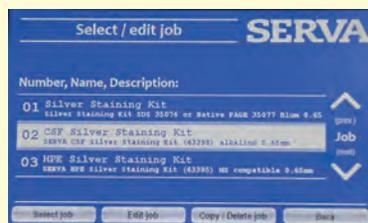
Display before program start



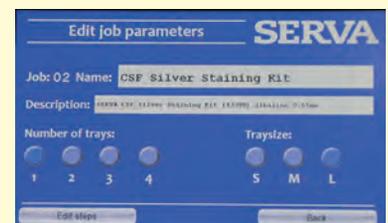
Skip or interrupt the step/the complete program



After finishing the job this screen is displayed



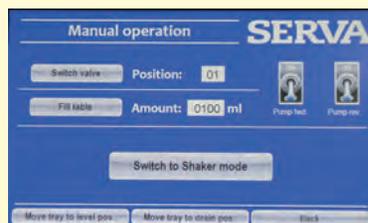
Screen to select and start a program/edit mode



Screen rename a program/start to edit programs



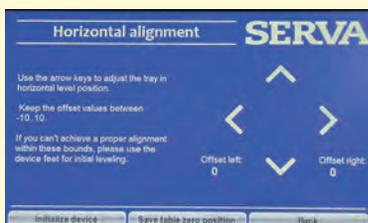
Dialog screen to set or modify single program steps



Manual operation of the SERVA BlueStain automated gel stainer



Control panel when using the device as a 3D shaker



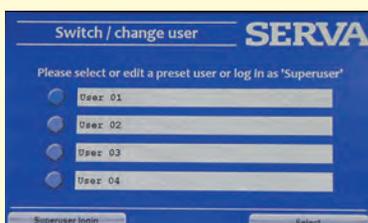
Screen to position the staining tray



Screen displaying the data logged automatically



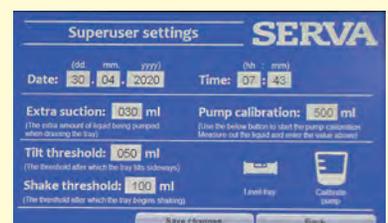
Simulating a program



Edit user names/login as a superuser - data will be logged automatically



The home screen of superuser: „Settings“ instead of „Level Tray“

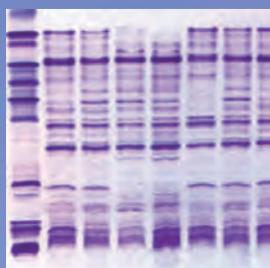


Screen „Settings“ as a function of superuser only

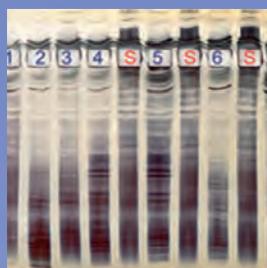
SERVA BlueStain Pharma Edition

- Password protected - password assignment exclusively by superuser
- Changes in program flow only by logged-in user
- Data transfer of executed programs to USB stick only by superuser
- Specially configured printer included
- IQ/OQ/PQ and maintenance contract on request

SERVA BlueStain Application Examples



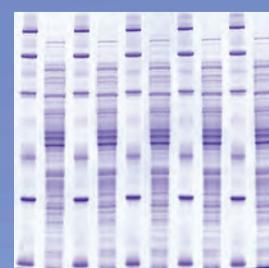
Violet 17 staining of horizontal IEF gels (e.g. SERVA-LYT™ PRECOTE™)



Silver staining of CSF gels (e.g. SERVA FocusGel)



SERVA Purple fluorescence staining of 2D gel (e.g. SERVA HPE™ 2D large gel)



Coomassie® staining of mini vertical SDS gel (e.g. SERVAGel™ PRIME™)

Specifications

Number of programs	12
Inclination of table	4°
Maximum gel size	30 x 25 cm
Size touch screen panel	5" (800 x 480 px)
Power connection	240 V, 150 W _{max.}
Size (h x w x d)	39 x 17.5 x 41 cm
Weight	6 kg

Ordering Information

Product	Size	Cat. no.
SERVA BlueStain	1 unit	BST-01
SERVA BlueStain Pharma Upgrade Kit	1 unit	BST-PU
SERVA BlueStain Spare Part Kit	1 kit	BST-R01

SERVA Electrophoresis GmbH

Carl-Benz-Straße 7
69115 Heidelberg / Germany
Fon: +49 6221 13840-0
Fax: +49 6221 13840-10
E-mail: info@serva.de
<https://www.serva.de>

Version 20/04

SERVA
■ serving scientists ■