

VPG200 Booking Policy and Tool Configurations

IMPORTANT: Conversion of data on the left computer station is free without access right and booking. Arrange your work in order to start wizard and exposure as soon as your sign on.

Configuration and booking

The screenshot shows a web browser window with the URL <https://cmisrvml.epfl.ch>. The page displays a list of equipment under the heading "List of the equipments". The first item is "Z06 Heidelberg VPG200 - Laser lithography system", which is highlighted with a red number 2. To the right of this item are two comment fields, with a red number 4 overlaid on the second one. Below the equipment list is a navigation bar with buttons for "Ordering", "Refresh", "Exit", "My bill", "My reservations", "Today's reservations", "All reservations", "Mailing", "Password", "Visit authorization", "RCA request", "Rates", "Who's in the zones?", "Who's working?", "CMI forum", and "Training request". A yellow banner with a red number 3 says "Set up your configuration". Below this is a "Reservation and config. request" button with a red number 5. A "Write Head" section has a dropdown menu with a red number 3. A "Reservation calendar" section has a red number 6. A "Reservation calendar" table has a red number 7 overlaid on the "Impossible" status in the 08:30 slot on Monday, May 23rd.

System mails: Accepted

This equipment has a reservation fee.

Write Head

Set up your configuration

Reservation and config. request

Reservation calendar

	Wed 18 May	Thu 19 May	Fri 20 May	Sat 21 May	Sun 22 May	Mon 23 May	Tue 24 May	Wed 25 May	Thu 26 May	Fri 27 May	Sat 28 May
07:30	Restricted	rschilling	Impossible	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	Impossible	sqamper	sqamper	xxxxxxxxxxxxxxxx
08:00	Restricted	bdeshbilles	Impossible	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	possible	sqamper	sqamper	xxxxxxxxxxxxxxxx
08:30	Restricted	bdeshbilles	Impossible	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	possible	Impossible	sqamper	xxxxxxxxxxxxxxxx
09:00	Restricted	bdeshbilles	Available	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	possible	Impossible	Impossible	xxxxxxxxxxxxxxxx
09:30	Restricted	bdeshbilles	Available	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	possible	Impossible	Impossible	xxxxxxxxxxxxxxxx
10:00	Restricted	bdeshbilles	Impossible	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	Impossible	Impossible	Impossible	Impossible	Impossible	xxxxxxxxxxxxxxxx

1. Sign on with your personal account
2. Select the tool (VPG200)
3. Set up your configuration (two fields, look next slide)
4. Optional add a comment
5. Press "Reservation and configuration request"
6. Slots in green fit to your request. You can click to reserve it
7. You can fly over "Impossible" to read which is the configuration requirement for booking

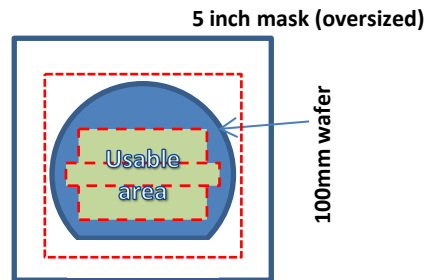
- "?" A question mark indicates one configuration not yet fixed. You can pre-reserve your own choice
- Booking calendar is dynamically updated. Press "Refresh" for last update

VPG200 Configuration Table

Write Head	Available	Maximum Booking	Authorized for
Std or Fast	20mm or 5mm head	Single slot	1 slot ; 30 minutes maximum (including handling and alignment)
Free	All	3 slots	3 consecutive slots; 90 minutes maximum (including handling and alignment)
Maintenance	Staff Only	Free	Mainly 2mm high resolution and overnight

IMPORTANT: Conversion of data on the left computer station must be done before you start login previous to your reservation.

VPG200 process time [min.] (examples)



Head	Estim. Billing [min]	Linear dimension of die [mm]	Maximum Booking option	Usage
WM:Head_20mm	8.0	105	Single Slot	1x Mask 5inch
All modes	< 22	6x6mm steps	Single Slot	Dose test 3x5 dies
WM:Head_20mm	24.0	156.3	Single Slot	2x Mask 7inch
WM:Head_20mm	30.0	120.0	Single Slot	3x Mask oversized 5 inch
WM:Head_5mm	25.3	80.0	Single Slot	1x wafer 100 mm; direct writing
WM:Head_5mm	38	101	3 Slots	1x Mask 5 inch
WM:Head_5mm	60	124.0	3 Slots	1x Mask 5 inch oversized
WM:Head_5mm	96	78.9	3 Slots	3x wafer 100 mm; direct writing (usable area)
WM:Head_2mm	200	100.0	Free	1x Mask 5 inch; high resolution
WM:Head_2mm	220	78	Free	2x wafer 100 mm; direct writing high resolution (usable area)

- Maximum density (inverted or no empty stripes)
- Standard handling with find center option included
- Dose test 3(DF)x5(Int) fields using available test designs \SPC_Cmi\SPCxx