

2024 price list for NFLab services for for-profit external customers, excl. VAT

Equipment	CR ISO class	Cost	Unit
Personnel cost ^a	-	CHF 100	h
EBL 30 kV Elphy (incl. resist coat)	(none)	^b CHF 20	h
EBL 100 kV EBPG (incl. resist coat)	5	^b CHF 40	h
Laser litho. (incl. resist coat)	7	CHF 120	run
Mask Aligner (incl. resist coat)	7	CHF 120	run
Evaporation/sputter (+ metal cost below)	(none)	CHF 100	run
Evaporation in CR (+ metal cost below)	5	CHF 180	run
- Metal Au, Pt or Pd (per thickness deposited)		CHF 1.20	nm
- Metal Al, Ti, Cr included in evaporator reservation			
ALD (Al ₂ O ₃ , HfO)	(none)	CHF 100	h
PECVD (Si ₃ N ₄ , SiO ₂)	(none)	CHF 100	run
RIE	(none)	CHF 80	run
ICP-RIE	(none)	CHF 140	run
Plasma asher	(none)	CHF 80	run
Wet etch (incl. HF, KOH, TMAH, acids... + Personnel ^c)	(none)	CHF 200	h
Wire bonder	(none)	CHF 100	h
Micromanipulator	7	CHF 80	h
Annealing	(none)	CHF 100	h
Charact. SEM	(none)	CHF 120	h
Charact. Microscope, Raman, profilometer, ellipsometry	(none)	CHF 80	h

^a At the moment the total *Personnel* availability is limited

^b For EBL, a minimum of 200 CHF is charged per run

^c Due to safety regulations, the wet etch is only offered operate by the NF Lab *Personnel*, included in the cost