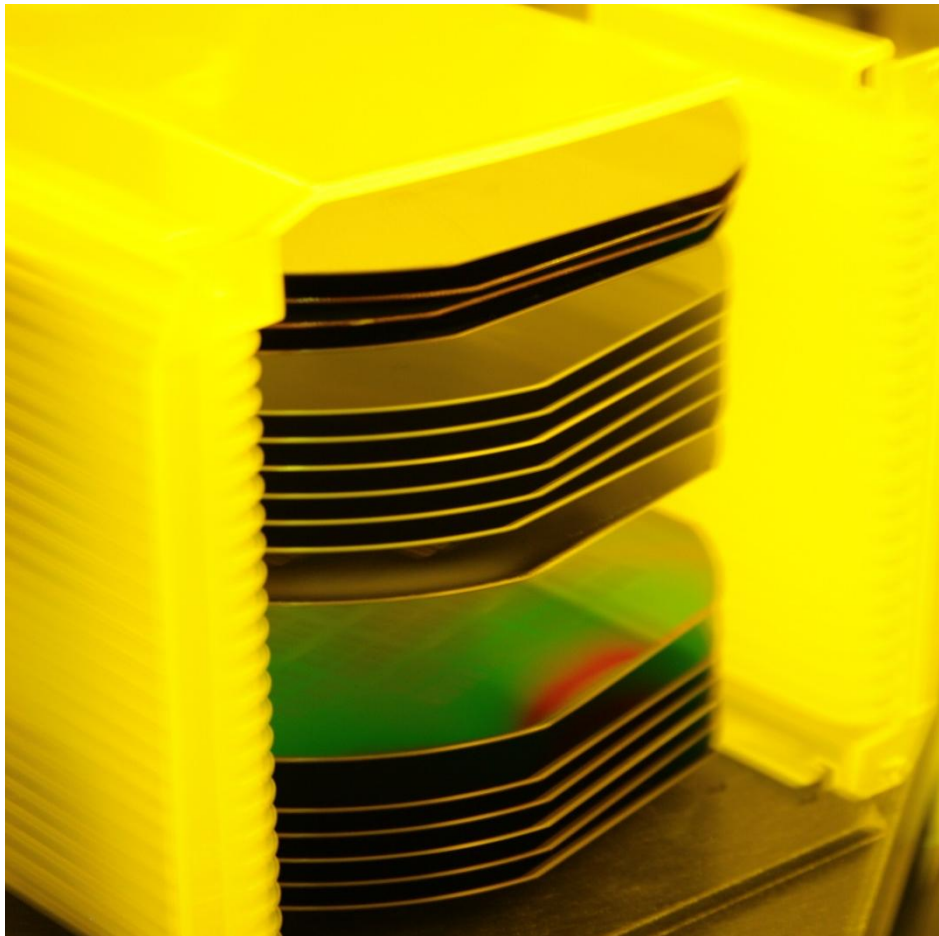


Semiconductor, MEMS / NEMS Laboratory

Wafer Handling

Overview

February 2014



PLUS FOUR WAFER HANDLING

Complementary to our equipment supply and related services in the field of semiconductor, MEMS / NEMS production and R&D, we provide a variety of *wafer handling* tools.

Typically, wafers are handled manually for several purposes and several areas of Your cleanroom:

- **Wet Benches Processes**
Special carrier for wafer handling are needed for wet etching, developing and/or cleaning processes.
- **Single Wafer Processes**
Special tweezers are used for single wafer processes. They are also required for loading and unloading of wafer carriers.
- **Transport**
For transportation of wafers inside and/or outside the cleanroom special wafer boxes are required.

Wafer handling boxes, dies and tweezers for customer processes of 4" wafer (34.187)

Item	Qty	Specification
1	5	4 inch Wafer Box KF7.4
2	10	Tweezers for 4 inch/100 mm wafer
3	2	100 mm Singlewafer handler for wet processing
4	50	100 mm Singelwaferbox

Wafer handling boxes, dies and tweezers for customer processes of 6" wafer (34.187)

Item	Qty	Specification
8	5	6 inch Wafer Box KF7.6
9	10	Tweezers for 6 inch/150 mm wafer
10	2	150 mm Singlewafercarrier
11	50	150 mm Singelwaferbox

Wafer handling boxes, dies and tweezers for customer processes of 8" wafer (34.187)

Item	Qty	Specification
15	5	8 inch Wafer Box KF7.8
16	10	Tweezers for 8 inch/200 mm wafer
17	2	200 mm Singlewafercarrier
18	50	200 mm Singelwaferbox

Storage and transport box for chips after dicing (34.187)

Item	Qty	Specification
5	1000	Chip Box, pack including cover chips and clips for cover KF7.0

Vacuum Sealer Package (34.187)

Item	Qty	Specification
19	1	Vacuum Sealer for vacuum packing of chips and wafers VS15
	1	Hot Wire Welding
	1	PE tube films assortment

Waferhandling package for Wetprocessing for 4" wafer (34.188)

Item	Qty	Specification
1	5	Wafer holder for 100 mm wafers, suitable plastics(50% HF or KOH etching)
2	5	Wafer holder for 100 mm wafers, suitable glass (for RCA or piranha cleaning)
3	2	Single wafer holder 100 mm for piranha cleaning
4	4	Wafer Carrier handler

Waferhandling package for Wetprocessing for 6" wafer (34.188)

Item	Qty	Specification
5	5	Wafer holder for 150 mm wafers, suitable plastics (50% HF or KOH etching)
6	5	Wafer holder for 150 mm wafers, suitable glass (for RCA or piranha cleaning)
8	2	Single wafer holder 150 mm for piranha cleaning
7	4	Wafer Carrier handler

Waferhandling package for Wetprocessing for 8" wafer (34.188)

Item	Qty	Specification
9	5	Wafer holder for 200 mm wafers, suitable plastics(50% HF or KOH etching)
10	5	Wafer holder for 200 mm wafers, suitable glass (for RCA or piranha cleaning)
11	2	Single wafer holder 200 mm for piranha cleaning
12	4	Wafer Carrier handler

PLUS FOUR DISCLAIMER OF WARRANTY

All information given in this brochure have been added to the best of our knowledge. However, we cannot issue any guarantee concerning the accuracy of the information.

We assume no liability for any hazard for staff, equipment, the processed devices or any environmental damages which might stem from the information given in this brochure. In order to minimize any risk to man or equipment, it is in the responsibility of every person working in the laboratory or production environment to inform herself / himself about the processes to be performed in the appropriate (technical) literature.