

Semiconductor, MEMS / NEMS Laboratory

Basic Laboratory Equipment

Overview

February 2014



PLUS FOUR BASIC LABORATORY EQUIPMENT

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

When working in a laboratory for many years, You are used to have every necessary tool and equipment at its place, close to You when it is needed. But, when You think to build up and equip a new laboratory, You have to think about all the small and big helpers for Your daily work.

With regard to the expertise of our partners and customers, PLUS FOUR has arranged *basic lab equipment* packages and packages well suited for advanced or special requirements. You don't have to dig through dozens of catalogues and collect brochures, just benefit from our experience.

Basic package for standard wafer/substrate processing (34.189)

Item	Qty	Unit	Specification	Cat. No.
32-34	1	set	Magnetic stirrer set with temperature probe and stand	8.026 648
34	1	set	Magnetic stirr bar, 10 pcs	8.026 620
35	1	set	Magnetic stirring bar Asteroid	8.026 671
36	2	set	Magnetic Stirring Bar Retriever	8.026 672
38	1	piece	Eppendorf pipette holder	8.026 655
39	1	pack	Eppendorf pipette	8.026 656
40	1	pack	Pipette box EP T.I.P.S. VE=96	8.026 596
41	2	piece	Funnel, Duran glass	8.026 621
42	1	Set	Spatula and tweezer set, stainless steel, consisting of 7 pieces in bag with hook-and-loop fastener. Made in Germany.	8.026 674
43	2	piece	Scapel handle	8.026.133
44	2	piece	Cutting mat, for special work place	8.025.934
45	2	piece	Thermometer (100 degree celsius)	8.026 597
46	2	piece	Thermometer (250 degree celsius)	8.026 649
47	1	piece	Eppendorf pipette	8.026 657
48	1	pack	Eppendorf pipette box	8.026 658
49	1	piece	Eppendorf pipette holder	8.026 659
50	1	piece	Vacuum cleaner for Class clean rooms with a starter set of 5 special dust bags and complete set of accessories	8.026.109

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51	2	piece	Ultrasonic Cleaner	8.026 646
		piece	Basket for above	8.026 647
		piece	Stainless Steel Lid	8.026 598
52	1	piece	Ceramic hotplate with magnetic stirrer	8.026 622
53	1	piece	Temperature probe for above	8.026 623
54	1	pack	Magnetic stirr bar, 10 St	8.026 650
55	1	pack	Magnetic stirring bar Asteroid	8.026 651
56	2	pack	Magnetic Stirring Bar Retrievers, PE, 450 mm	8.026 652
57	1	piece	Stative for temperature probe handling, RVS	8.026.127
58	1	piece	Bottle top dispense set with safty prime 5 ml	8.026 624
59	6	piece	Digital-Timer with LCD-Display	8.026 673
60	2	piece	Thermometer (100 degree celsius), l= 200 mm	8.026 625
61	2	piece	Thermometer (250 degree celsius), l= 355 mm	8.026 653
62	1	piece	Funnel, glass, Small	8.026 603
63	1	piece	Funnel, glass, Medium	8.026 604
64	1	piece	Funnel, glass, Large	8.026 599
65	3	piece	Funnel, PP, Small	8.026 600
66	3	piece	Funnel, PP, Medium	8.026 601
67	3	piece	Funnel, PP, Large	8.026 602
68	2	piece	Graduated measuring cylinder, small	8.026 626
70	1	piece	Graduated measuring cylinder, medium	8.026 627
69	1	piece	Graduated measuring cylinder, large	8.026 628
71	2	piece	Graduated measuring cylinder, glass, small	8.026 668
73	1	piece	Graduated measuring cylinder, glass, medium	8.026 669
72	1	piece	Graduated measuring cylinder, glass, large	8.026 670
74	2	piece	Tool cylinder	8.026 629
80	1	pack	Cleanroom swipes, pack of 300	8.026.134
81	1	pack	Cleanroom paper	8.026.135
82	1	pack	pH indicator, disposables	8.026 605
83	12	piece	Wide Neck Bottle, with cap, 1 l	8.026 660
84	50	piece	Resist bottles for dispense,	8.026 661
	50	piece	Dispense Cap for above	8.026 606
85	1	pack	Pipette tips PP (2x500)	8.026 654
86	3	piece	Safety washbottle 500 ml; with warning sign A	8.025.927
87	1	piece	Safety washbottle 500 ml: with warning sign B	8.025.928
88	1	piece	Safety washbottle 500 ml: with warning sign C	8.025.929
89	5	pack	Wet IPA cleaning swipes PP, pack of 1500 pcs	8.026.130
90	1	pack	Scapel blade, bent, pack of 100	8.026.131
91	1	pack	Scapel blade, streight, pack of 100	8.026.132
92	1	pack	Pipette tips, pack of 200	8.026 630
93	1	pack	Cleanroom notepad, DIN A4	8.026.110
94	1	pack	100 Cleaning swabs	8.026.111
	1	pack	200 Cleaning swabs	8.026.112
95	1	pack	10 Bottles, wide mouth, brown glass	8.026 607
	1	pack	Scew cap for above	8.026 631

Basic package for standard 4 inch wafer/substrates (34.189)

Item	Qty	Unit	Specification	Cat. No.
1	2	piece	Glass beaker, large	8.026 609
2	2	piece	Round beaker made, large	8.026 632
3	2	piece	Glass pan with spout, medium	8.026 662
4	4	piece	Watch glass dish	8.026 663
5	2	piece	Graduated measuring cylinder, glass	8.026 633
6	2	piece	Quartz glass basin with lid,	8.025.924
7	5	piece	Petri dish, soda lime glass	8.026 610
8	3	piece	Glass basin with lid, (Duran)	8.026 634
9	2	piece	glass beaker, round, small	8.026 611
10	2	piece	glass beaker, round, large	8.026 612
11	2	piece	Round beaker, small	8.026 635
12	2	piece	Round beaker, large	8.026 636
13	4	piece	Glass pan with spout, DURAN	8.026 664
14	1	piece	Watch glass dish, pack of 10	8.026 613
15	2	piece	Quartz glass basin	8.025.923

Basic package for standard 6 inch wafer/substrates (34.189)

Item	Qty	Unit	Specification	Cat. No.
16	3	piece	Glass basin with lid (Duran)	8.026 665
17	1	piece	Laboratory dish, PP	8.026 644
18	1	piece	Laboratory dish, PP	8.026 643
19	1	piece	glass beaker, round, large with graduation and spout, DURAN	8.026 614
20	1	piece	Round beaker made of PP, large	8.026 637
21	3	piece	Glass pan with spout, small	8.026 666
22	1	piece	watch glass dish, medium	8.026 615
23	3	piece	Glass basin with lid medium	8.026 617
24	5	piece	Petri dish, soda lime glass	8.026 638
25	2	piece	Quartz glass basin with lid	8.025.925

Basic package for standard 8 inch wafer/substrates (34.189)

Item	Qty	Unit	Specification	Cat. No.
26	2	piece	Quartz glass basin with lid	8.025.926
27	4	piece	Laboratory dish, small	8.026 639
28	4	piece	Laboratory dish, medium	8.026 640
29	4	piece	Laboratory dish, large	8.026 641
30	4	piece	Lab pan, PVC	8.026 667
31	3	piece	Glass basin with lid	8.026 642

Chemical Handling for wet processing and Lithography (34.189)

Item	Qty	Description	Cat. No.
2	1	Analytical scale large	8.025.913
3	1	Adjustment unit, 1 mg,	8.026.138
4	1	Adjustment unit 10 mg,	8.026.139
5	1	Adjustment unit 10 g,	8.026.140
6	1	Shaker electronically controlled	8.026 618
7	1	Universal Attachment	8.026 619

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.