LAB, SURGICAL & DENTAL INSTRUMENTS

Legend

Economy: stainless steel; forged and finished in Pakistan
Standard: surgical-grade (OR) German steel; forged in Germany
and finished in Pakistan and/or Germany
German: surgical-grade (OR) German steel; made entirely
(forged and finished) in Germany
Roboz: Roboz Surgical. (RS-)
-TC: Tungsten Carbide inlays; identified by gold handles
George Tiemann & Co, Germany – call us about availability

Forceps (Tweezers) & Tongs

Fine Point, Angled
Medium Point, Angled
Medium Point, Straight
Fine Point, Straight

General

Forceps
Fine Point, serrated handles, stainless steel
Straight, serrated tips
10 cm (4”), Economy, guide pin. 26-275 $8.25
10 cm (4”), Standard, guide pin. 40-720 $16.50
10 cm (4”), German, guide pin. 420-802 $32.80
11.5 cm (4½”), Economy, guide pin. 300-130 $2.60
11.5 cm (4½”), Economy, No Pin. 20-373 $2.95
20.5 cm (8”), Economy, guide pin. 300-141 $7.50
25.4 cm (10”), Economy, guide pin. 300-143 $8.50

Straight, Smooth Tips
20.5 cm (8”), economy, guide pin. 300-111 $8.50
Angled, serrated tips, 15.5 cm (6”), guide pin. 3600 $4.00

Half Curve (45°), serrated tips
10 cm (4”), Economy, guide pin. 26-280 $8.25
10 cm (4”), Standard, guide pin. 40-722 $16.50
10 cm (4”), Roboz, 0.8 mm tip, guide pin. RS-5130 $59.40
11.5 cm (4½”), Student, No Pin. 4190 $3.30

12 cm (4½”), Economy, guide pin. 300-131 $2.70

Full Curve (90°), serrated tips
10 cm (4”), Economy, guide pin. 24-665S $6.10
Medium-Fine Point, serrated handles, stainless steel
Curved, smooth tips, no pin, 15.2 cm (6”). 300-011 $6.90

Medium Point (Thumb Dressing), serrated handles, stainless steel
Straight, serrated tips, no guide pin
9 cm (3½”), Economy. 17-315 $2.25
11.5 cm (4½”), Economy. 300-038 (17-035) $2.65
11.5 cm (4½”), Standard. 40-700 (540-035) $10.95
12 cm (4¼”), German. 420-455 $15.50
15.5 cm (6”), Economy. 300-041 (17-050) $3.15
15.5 cm (6”), Standard. 40-710 (540-050) $12.60
15.5 cm (6”), Roboz. RS-8106 $33.65

16 cm (6¼”), Economy, black matte. TWZ-703.74 $3.95
20.5 cm (8”), Economy. 2240 $4.05
20.5 cm (8”), Standard. 540-055 $21.00
25.4 cm (10”), Economy. 2250 $4.80
25.4 cm (10”), Standard. 540-060 $31.50
30.5 cm (12”), Economy. 2260 $5.85
51 cm (20”), Economy. 19-380 $17.90

Extra wide tips ideal for removing specimens from storage containers.

Straight, Smooth Tips, guide pin
15.5 cm (6”), economy. 17-320SM $3.60
Curved, serrated tips, guide pin
11.5 cm (4½”), economy. 17-655 $3.30

Smooth handles do not have guide pin.

Gooseneck, blunt serrated tips, 15 cm (6”). 300-001 $4.90

Student Grade, stainless steel, 11.5 cm (4½”). 18-915 $1.30
straight, serrated tips & handles; does not have guide pin

Corrosion & heat resistant ABS plastic is nonconductive
& noncontaminating. Will not scratch optics.

Plastic, straight, serrated tips & handles, 13 cm. 97-3901 $0.45

Micro

Economy Set: styles 5, 3c, 6, 7, 532, SS, AA, 3, AF, 2, OOB, 2A

#5 Style w/Hook

Inset of Hook

Forceps, Micro, smooth tips* & handles, no guide pin
Economy, stainless steel

#2A Style, straight, 12 cm. 57.0752A $7.45
#3 Style, straight, 12 cm. 19-361 $5.20
#5 Style, straight, 11.5 cm. 19-364 $5.20
#5 Style w/Hook, straight, 11 cm. 19-364HK $22.95
#7 Style, curved, 11.5 cm. 19-366 $5.20
#7B Style, curved, *serrated, nonmag, 11.5 cm. 57.838 $14.35
#8 Style, straight, 12.5 cm. 57.0738 $7.40

Economy Set, 12-pc, nonmagnetic. TWZ-700.12 $33.60
styles: 5, 3c, 6, 7, 532, SS, AA, 3, AF, 2, OOB, 2A
### Forceps, Micro (cont)

Dumont Economy, Inox, magnetic, Swiss
- #3 Style, straight, 12 cm (4¾”). TWZ-301.16 .................. $25.30
- #5 Style, straight, 11 cm (4¼”). TWZ-301.22 .................. $32.20
- #7 Style, curved, 11.5 cm (4½”). TWZ-301.28 .................. $29.40
- SS Style, nonmag, straight, 13.5 cm (5¼”). TWZ-302.56 $23.75

Dumont, Inox, high-precision, magnetic, Swiss
- #3 Style, straight, 12 cm (4¾”)
  - Standard Tips (0.17W x 0.10 mm). RS-5042 ............... $37.65
- #5 Style, straight, 11 cm (4¼”)
  - Standard Tips (0.10W x 0.06 mm). RS-5045 ............. $31.70
  - Biologie Tips (0.05W x 0.01 mm). RS-5015 ............ $37.65
- #55 Style, light shanks, straight, 11 cm (4¼”)
  - Biologie Tips (0.05W x 0.01 mm). RS-5010 ............ $44.55
- #7 Style, curved, 11.5 cm (4½”)
  - Standard Tips (0.17W x 0.10 mm). RS-5047 ............ $41.10

Dumont Grippits, stainless steel, nonmagnetic, Swiss
- #7 Style, serrated handles, curved. TWZ-322.28 .......... $19.56

Dumont, Dumoxel, standard tips (0.10W x 0.06 mm), Swiss
- #5/45 Style, tips angled 45°, 11 cm (4¼”). RS-5058 .......... $39.60

Ideal-tek, stainless steel, nonmagnetic, Swiss
- AA Style, 13 cm (5¼”). TWZ-312.40 .................. $13.85
- SS Style, 14 cm (5¼”). TWZ-312.56 ................ $17.95

### Specialty

**Forceps**, stainless steel

- Adson Dressing, serrated tips & handles, 12 cm. 17-555 .......... $6.00

- Balance, curved plastic tips, 10 cm (4”). 300-006 ............ $4.80

- Bishop Harmon, fine serrated tips, 9 cm (3½”). 4211 ........... $18.00

- Cupped, epoxy-coated tips, 14.5 cm (5¼”). TWZ-104.84 .... $7.25

### Cutting, economy

- Style 15A, 11.5 cm (4½”). TWZ-801.60 ................... $9.95
  - Grid-serrated tips are medium point; serrated handle

- Diamond, 15.5 cm (6”), Italy. TWZ-171.74 .................. $9.80

- Filter, smooth tips & polypropylene grips, 11.5 cm. 300-025 .... $4.40

- Foerster, octagonal grips, 0.5 mm serrated tips, 9.5 cm (3¼”)
  - Curved, economy. 4202 ................. $18.00

- Gerald Dressing, 17.5 cm (7”). 19-367 ................. $6.35

- Graefe Eye Dressing, serrated tips & handles, 7 cm (2½”)
  - Straight, standard. 4215 .................. $18.00
  - Curved, standard. 4216 .................. $18.00

- Insect Pinning, rounded & serrated tips, 11 cm. 17-682 .... $4.15

- Paddle Tip, grid-serrated pads, economy
  - 22 x 22 mm Pad, 16 cm (6¼”). 33-1045 ................. $14.50
  - 30 x 35 mm(W) Pad, 15.2 cm (6”). 33-1045B ........... $21.00
  - 30 x 40 mm(W) Pad, 15.2 cm (6”). 33-1045A ........... $21.00

- Wide Handle (Paddle Handle), economy
  - Serrated and perforated grips
    - Straight, Serrated Tips
      - 14 cm (5½”), 1.5 mm tips. 15-600 ................ $25.00
    - Straight, Smooth Tips
      - 14 cm (5½”), 0.6 mm tips. 15-625 ............... $25.00
      - 14 cm (5½”), 1.5 mm tips. 15-585 ............... $25.00
      - 17.5 cm (7”), 1.5 mm tips. 15-550 ............... $25.00
      - 17.5 cm (7”), 3 mm tips. 15-500 ............... $25.00

**Continued**
Wide Handle (cont)

**Forceps**, stainless steel
Self-Closing (cross-locking), squeeze handles to open tips
- Fine Point, smooth tips
  - Economy, 13 cm (5¼"). **300-066**...............................$4.95
  - Peer-Vigor, 11 cm (4¼"), Swiss. **57.324**..........................$42.40
  - Medium Point, serrated tips, 17 cm (6½"). **TWZ-948.00**.......$3.95

Slide-Locking, grid-serrated tips
- Fine Point
  - Economy, 14 cm (5½"). **57.0357A**..........................$9.00
  - Dumont, 16 cm (6¼"). **TWZ-101.72**..........................$45.75
- Medium Point
  - Economy, 16 cm (6¼"). **203**..........................$9.00
  - Dumont, 16 cm (6¼"). **TWZ-101.76**..........................$43.60

Snap-Closing, angled, fine points, 15.5 cm (6½"). **3610**...........$5.80
serrated tips & handles, guide pin

**Locking**

**Forceps**, stainless steel
- Angled, Serrated Tips
  - 14 cm (5½"), 1.5 mm tips. **15-595**.........................$25.00
- Angled, Smooth Tips
  - 14 cm (5½"), 1.5 mm tips. **15-590**.........................$25.00
  - 17.5 cm (7"), 1.5 mm tips. **15-580**.........................$25.00

**Spade Tips**
- Angled (Kuehne), 11 cm (4¼")
  - Stainless Steel, economy. **33-1041**.........................$4.15
  - Teflon® Coated, Bel-Art. **379420000**.......................$22.05
  - Straight, stainless steel, 10.5 cm, economy. **57.926**........$8.45

**Square Point Tips, straight**
- Stainless Steel, 12 cm (4¼"), economy. **1244**...............$2.25
- Teflon® Coated, 11 cm (4¼"), Bel-Art. **379430000**...........$24.45

**Locking**

**Forceps**, stainless steel
- Snap-Closing, angled, fine points, 15.5 cm (6½"). **17-574**........$17.40

**Adson-Brown**, 9 x 9 side grasping teeth, 12 cm. **17-574**.........$17.40

**Adson Tissue**, 1 x 2 teeth, 12 cm (4¼"). **17-560**...............$4.90

**Iris Tissue**, 1 x 2 teeth
- Straight, economy, 10 cm (4"). **26-295**......................$7.70
- Angled, economy, 11.5 cm (4½"). **19-350ANG**..............$5.00
- Half Curve, standard, 10 cm (4"). **45-822**..................$17.60

**Tissue**

**Russian Tissue**, circular serrated tips, 15.5 cm (6½"). **2275**......$5.25
Tissue, 1 x 2 teeth, 14 cm (5½"). **17-145**.........................$4.35

**Tongs**

**Locking**

**Hemostats & Clamps**

**Hemostats**, serrated jaws
- Hartman Mosquito, stainless steel
  - Straight
    - Economy, 9 cm (3½"). **12-180S**.............................$6.05
    - Standard, 9 cm (3½"). **20-352** (525-025).............$21.30
  - Curved
    - Economy, 9 cm (3½"). **14-030**.............................$6.60
    - Standard, 10 cm (4"). **20-360**............................$21.70
- Halstead Mosquito, 12.5 cm (5"), stainless steel
  - Straight
    - Economy. **14-065**.................................$7.75
    - Standard. **20-501**.................................$22.45
  - Curved
    - Economy. **14-070**.................................$7.75
    - Standard. **20-519**.................................$22.85
- **Kelly**, stainless steel
  - Straight
    - Economy. **14.5 cm (5¼"). 14-225**..........................$7.75
    - Standard. **14.5 cm (5¼"). 525-225**....................$22.40
  - Curved
    - Economy. **14 cm (5½"). 14-230**..........................$7.75
    - Standard. **14.5 cm (5¼"). 20-568**.....................$22.40
- **Rochester-Pean**, 20.5 cm (8"), stainless steel
  - Straight
    - Economy. **1920**.................................$6.50
    - Standard. **525-435**.................................$48.50
  - Curved
    - Economy. **1930**.................................$6.50
    - Standard. **525-440**.................................$48.50
- **Polypropylene**, 12.5 cm (5"). **HEM-300.00**..............$1.50

Continued
**Accessories**

**Bibulous Paper**, 10 x 15 cm, Bk/50 sheets. BIB-46-50 $4.10 190.00

**Forceps**
- Spade Tips
  - Angled (Kuehne), 11 cm (4¼")
    - Stainless Steel, economy. 33-1041 $4.15
    - Teflon® Coated, Bel-Art. 379420000 $20.90
  - Straight, stainless steel, 10.5 cm, economy. 57.926 $5.85

- Square Point Tips, straight
  - Stainless Steel, 12 cm (4½"), economy. 1244 $2.25
  - Teflon® Coated, 11 cm (4¼", Bel-Art. 379430000 $22.90

**Hemostat**, Polypropylene, 12.5 cm. HEM-300.00 $1.50

**Cytology Funnels**

**Cytology Funnels, Simport CytoSep™**

**Shandon (Thermo) Cytospin® Cytocentrifuges**

- Single. **Metal slide clips required**
  - White Filter & Cap, Cs/500. M964-10FW $397.00
  - Tan Filter & Cap, Cs/500. M964-10FT $397.00

- Single. **All plastic - metal slide clips not required**
  - White Filter & Cap, Cs/480. M965-10FW $551.00
  - Tan Filter & Cap, Cs/480. M965-10FT $551.00

- Double. **All plastic - metal slide clips not required**
  - White Filter & Cap, Cs/480. M965-20FW $700.00

**Immersion Oils & Bottles**

**Immersion Oil**

- **Type A**, low viscosity (150 cSt). *Short W.D. optics*
  - 7.5 mL in LDPE dispensing bottle. 18101 $7.45
  - 20 mL in HDPE dispensing bottle. 18102 $10.85
  - 480 mL in amber bottle. 18104 $55.70

- **Type B**, high viscosity (1250 cSt). *Long W.D. optics*
  - 7.5 mL in LDPE dispensing bottle. 18105 $7.45
  - 20 mL in HDPE dispensing bottle. 18106 $10.85
  - 480 mL in amber bottle. 18108 $55.70

- **Type NVH**, very high viscosity (21,000 cSt)
  - 480 mL in amber bottle. 18113 $67.00

- **Type FF**, fluorescence free (170 cSt)
  - 7.5 mL in LDPE dispensing bottle. 18121 $9.85
  - 480 mL in amber bottle. 18124 $92.15

A long nozzle, textured sides, and slim profile make this chemically inert, high-density polyethylene (HDPE) container ideal for dispensing immersion oil.

**Bottle, Dispensing**, HDPE, 20 mL, each. 18145 $7.00

**Bottle, Balsam**, glass, 45 mL (empty). USA. 616 $18.35

Minimize contamination during slide & coverslip handling.
Will not scratch; corrosion and heat resistant.

Cargille immersion oils A, B, and NVH can be mixed with each other for custom viscosities.

USA

Store immersion oil or mounting media in this borosilicate glass bottle with an applicator rod and ground glass cap.
<table>
<thead>
<tr>
<th>Flow Rate</th>
<th>Retention</th>
<th>Grade</th>
<th>Supplier/Code</th>
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<tbody>
<tr>
<td>Slow</td>
<td>1.5 µm</td>
<td>610</td>
<td>Whatman 5; S&amp;S 602</td>
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<td>Medium</td>
<td>2.5 µm</td>
<td>601</td>
<td>Whatman 1, 1CHR; S&amp;S 593, 597, 2043A</td>
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<td>Fast</td>
<td>3.0 µm</td>
<td>613</td>
<td>Whatman Student; S&amp;S 595, 0903</td>
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<td>Fast</td>
<td>5.0 µm</td>
<td>631</td>
<td>Whatman 4, 4CHR; S&amp;S 604, 2040A/B; Fisher P8</td>
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<td>Fast</td>
<td>7.5 µm</td>
<td>617</td>
<td>Whatman 2V</td>
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<td>Qual</td>
<td>10 µm</td>
<td>909</td>
<td>Whatman 71; S&amp;S 0860, 1574, 3003; Munksjo</td>
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<td>962</td>
<td>Whatman 114; S&amp;S 0856, 0905, 3002; Munksjo</td>
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<tr>
<td>Forceps</td>
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<td>542</td>
<td>Whatman 2V</td>
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**Qualitative, Standard Grades** (for gravity filtration)

**Slow Flow (4 mL/min), 1.5 µm retention, Grade 610**
- 9 cm, Pk/100. 6100-0900 $9.70
- 12.5 cm, Pk/100. 6100-1250 $12.25
- 15 cm, Pk/100. 6100-1500 $14.75
- 20.5 cm, Pk/100. 6100-2050 $23.30
- 24 cm, Pk/100. 6100-2400 $33.05

**Medium Flow (30 mL/min), 2 µm retention, Grade 642**
- 9 cm, Pk/100. 6420-0900 $7.55
- 15 cm, Pk/100. 6420-1500 $13.70

**Medium Flow (55 mL/min), 2.5 µm retention, Grade 601**
- 4.25 cm, Pk/100. 6010-0425 $5.80
- 9 cm, Pk/100. 6010-0900 $7.80
- 12.5 cm, Pk/100. 6010-1250 $11.30
- 15 cm, Pk/100. 6010-1500 $13.75
- 18.5 cm, Pk/100. 6010-1850 $19.95
- 20.5 cm, Pk/100. 6010-2050 $21.50
- 33 cm, Pk/100. 6010-3300 $58.05

**Medium Flow (60 mL/min), 6 µm retention, Grade 613**
- 9 cm, Pk/100. 6130-0900 $6.65
- 15 cm, Pk/100. 6130-1500 $11.65
- 20.5 cm, Pk/100. 6130-2050 $17.50
- 33 cm, Pk/100. 6130-3300 $38.90

**Medium Flow (200 mL/min), 10 µm retention, Grade 631**
- 20.5 cm, Pk/100. 6310-2050 $21.70
- 33 cm, Pk/100. 6310-3300 $58.60

**Fast Flow (235 mL/min), 25 µm retention, creped, Grade 615**
- 9 cm, Pk/100. 6150-0900 $6.85
- 12.5 cm, Pk/100. 6150-1250 $10.00
- 15 cm, Pk/100. 6150-1500 $12.00
- 20.5 cm, Pk/100. 6150-2050 $18.00
- 33 cm, Pk/100. 6150-3300 $40.00

**Very Fast Flow (360 mL/min), 35 µm retention, creped, Grade 617**
- 9 cm, Pk/50. 6170-0900 $6.25
- 12.5 cm, Pk/50. 6170-1250 $8.40
- 15 cm, Pk/50. 6170-1500 $9.80
- 20.5 cm, Pk/50. 6170-2050 $14.90
- 33 cm, Pk/50. 6170-3300 $31.90

**Qualitative, Pleated (Fluted)**

**Slow Flow (30 mL/min), 2 µm retention, Grade 542**
- 12.5 cm, Pk/100. 5420-1250 $65.15
- 18.5 cm, Pk/100. 5420-1850 $73.75

**Quantitative, Wet-Strengthened Grades** (for vacuum filtration)

**Slow Flow (4 mL/min), 1.5 µm retention, Grade 94**
- 9 cm, Pk/100. 0940-0900 $27.15
- 15 cm, Pk/100. 0940-1500 $46.70

**Medium Flow (30 mL/min), 2 µm retention, Grade 74**
- 9 cm, Pk/100. 0740-0900 $27.15
- 15 cm, Pk/100. 0740-1500 $46.70

**Fast Flow (220 mL/min), 15 µm retention, Grade 55**
- 9 cm, Pk/100. 0550-0900 $30.65
- 15 cm, Pk/100. 0550-1500 $49.25

**Blotting/Chromatography/Electrophoresis Papers**

**0.19 mm thick, 125 mm/30 min absorption, Grade 601**
- 46 x 57 cm, Pk/100. 6018-4657 $110.00

**0.34 mm thick, 140 mm/30 min absorption, Grade 238**
- 46 x 57 cm, Pk/100. 2388-4657 $49.25

**0.42 mm thick, 150 mm/30 min absorption, Grade 237**
- 46 x 57 cm, Pk/100. 2378-4657 $240.00

**0.95 mm thick, 180 mm/30 min absorption, Grade 243**
- 46 x 57 cm, Pk/100. 2438-4657 $352.00

**2.48 mm thick, 240 mm/30 min absorption, Grade 320**
- 20 x 20 cm, Pk/50. 3208-2020 $54.55

**Forceps, Filter, 11.5 cm.**
- Pk/100. 300-025 $4.40

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**Filter & Blotting Papers**

**Ahlstrom - Munksjo Filter Paper**

**Quantitative, Ashless**

(Designed for use in analytical and gravimetric analysis)

**Slow Flow (4 mL/min), 1.5 µm retention, Grade 94**
- 9 cm, Pk/100. 0940-0900 $27.15
- 15 cm, Pk/100. 0940-1500 $46.70

**Medium Flow (30 mL/min), 2 µm retention, Grade 74**
- 9 cm, Pk/100. 0740-0900 $27.15
- 15 cm, Pk/100. 0740-1500 $46.70

**Fast Flow (220 mL/min), 15 µm retention, Grade 55**
- 9 cm, Pk/100. 0550-0900 $30.65
- 15 cm, Pk/100. 0550-1500 $49.25