

SIPEL QUICK CHANGE TWEEZERS - 1600-SA / 1600-SA-STD / 1700-SA series

瑞士环球sipel 1600-SA/1600-SA-STD/1700-SA系列可换头镊子

Stainless Antiacid Antimagnetic Serrated Handle抗磁不锈钢手柄，塑料更换头



Made in
Switzerland
Patented



1604-SA



1704-SA



1604-SA-STD

1600-SA series with Black ESD Safe Tip

1600-SA-STD series with Grey Static Dissipative Tip

1700-SA series with White DELRIN 500 Tip

技术咨询与报价

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- Available with Inside Serrated Tip, add suffix "D" (example 1602D-SA)

1602-SA Black ESD Safe 1602-SA-STD Grey Static Dissipative 1702-SA White DELRIN 500 • Medium Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2 mm - .08"	
1603-SA Black ESD Saf 1603-SA-STD Grey Static Dissipative 1703-SA White DELRIN 500 • Strong Flat Tip	115 mm - 4 1/2" 115 mm - 4 1/2" 115 mm - 4 1/2"	 * 2.3 mm - .09"	
1604-SA Black ESD Safe 1604-SA-STD Grey Static Dissipative 1704-SA White DELRIN 500 • Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1604B-SA Black ESD Safe 1604B-SA-STD Grey Static Dissipative 1704B-SA White DELRIN 500 • Curved Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1606-SA Black ESD Safe 1606-SA-STD Grey Static Dissipativ 1706-SA White DELRIN 500 • Strong Angulated SMD Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2.5 mm - .1"	

For Replacement Tips Available, see pages 44 to 50

OTHER MODELS AVAILABLE UPON REQUEST

QUICK CHANGE TWEEZERS - 1600-SA / 1600-SA-STD / 1700-SA series

Stainless Antiacid Antimagnetic Serrated Handle

- Available with Inside Serrated Tip, add suffix "D" (example 1609D-SA)



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1609-SA Black ESD Safe 1609-SA-STD Grey Static Dissipative 1709-SA White DELRIN 500 • Fine Angulated SMD Flat Tip	115 mm - 4 1/2" 115 mm - 4 1/2" 115 mm - 4 1/2"	 * 1.5 mm - .06"	
1610A-SA Black ESD Safe 1610A-SA-STD Grey Static Dissipative 1710A-SA White DELRIN 500 • Very Small Fine Angulated SMD Flat Tip	115 mm - 4 1/2" 115 mm - 4 1/2" 115 mm - 4 1/2"	 * 0.6 mm - .023"	
1615-SA Black ESD Safe 1615-SA-STD Grey Static Dissipative 1715-SA White DELRIN 500 • Extra Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.3 mm - .011"	
1616-SA Black ESD Safe 1616-SA-STD Grey Static Dissipative 1716-SA White DELRIN 500 • Very Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.5 mm - .019"	
1617-SA Black ESD Safe 1617-SA-STD Grey Static Dissipative 1717-SA White DELRIN 500 • Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 1.5 mm - .06"	
1617B-SA Black ESD Safe 1617B-SA-STD Grey Static Dissipative 1717B-SA White DELRIN 500 • Curved Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 1.5 mm - .06"	
1618-SA Black ESD Safe 1618-SA-STD Grey Static Dissipative 1718-SA White DELRIN 500 • For Handling and Positioning Quad Packs and Flat Parts	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 groove Ø1 mm - .04"	
1624-SA Black ESD Safe 1624-SA-STD Grey Static Dissipative 1724-SA White DELRIN 500 • Very Fine Angulated Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.5 mm - .019"	

STD GREY Static Dissipative Tips for QUICK CHANGE Lead Straightener and Wafer Handling Tweezers

All Tips are also Available in:

- Black ESD Safe **TIP-ESD**
- White DELRIN 500 **TIP-DEL**



	TIP-STD-2 25 mm - 1" 41 mm - 1.59"	TIP-STD-3	TIP-STD-4
	TIP-STD-4B	TIP-STD-15	TIP-STD-16
	TIP-STD-17	TIP-STD-17B	

Other STD Tips available:

TIP-STD-6

TIP-STD-9

TIP-STD-10A

TIP-STD-18

TIP-STD-18H

TIP-STD-18V

TIP-STD-19H

TIP-STD-20

TIP-STD-22

TIP-STD-23C

TIP-STD-24

TIP-STD-30A

TIP-STD-50

TIP-STD-51

TIP-STD-52

TIP-STD-53

TIP-STD-54

TIP-STD-55

TIP-STD-56

TIP-STD-57

See Pages 44 to 47

TIP-T5508W-STD

TIP-T5509W-STD

Other models available:

TIP-T5508-STD
TIP-T5531-STD
TIP-1390W-STD
TIP-T5510W-STD

See pages 49 to 50

TIP-STD... Grey Static Dissipative fit on all HANDLES

See pages 77-79

1300-SA / -AL / -BR / -BSA / -BAL / -BBR

1600-SA / -AL / -BR / -BSA / -BAL / -BBR

1800-SA / -AL / -BR / -BSA / -BAL / -BBR

1300C-SA, R1300-SA, R1300C-SA

To Order Replacement Pair of TIP, Take the Last Digit(s) of the Tweezers Part Number and add it to TIP-STD

Example :

For Tweezers 130**2**-SA-STD, or 160**2**-AL-STD, or 180**2**-BR-STD, etc., order Replacement Tip **TIP-STD-2**

For Tweezers 130**4B**-SA-STD, or 160**4B**-AL-STD, or 180**4B**-BR-STD, etc., order Replacement Tip **TIP-STD-4B**

OTHER MODELS AND CUSTOMIZED TIPS AVAILABLE UPON REQUEST

QUICK CHANGE TWEEZERS - 1600-AL / 1600-AL-STD / 1700-AL series

Aluminum Serrated Handle



Made in
Switzerland
Patented



1604-AL



1604-AL-STD



1704-AL

1600-AL series with Black ESD Safe Tip

1600-AL-STD series with Grey Static Dissipative Tip

1700-AL series with White DELRIN 500 Tip

- Available with Inside Serrated Tip, add suffix "D" (example 1602D-AL)

1602-AL Black ESD Safe 1602-AL-STD Grey Static Dissipative 1702-AL White DELRIN 500 • Medium Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2 mm - .08"	
1603-AL Black ESD Safe 1603-AL-STD Grey Static Dissipative 1703-AL White DELRIN 500 • Strong Flat Tip	115 mm - 4 1/2" 115 mm - 4 1/2" 115 mm - 4 1/2"	 * 2.3 mm - .09"	
1604-AL Black ESD Safe 1604-AL-STD Grey Static Dissipative 1704-AL White DELRIN 500 • Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1604B-AL Black ESD Safe 1604B-AL-STD Grey Static Dissipative 1704B-AL White DELRIN 500 • Curved Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1606-AL Black ESD Safe 1606-AL-STD Grey Static Dissipative 1706-AL White DELRIN 500 • Strong Angulated SMD Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2.5 mm - .1"	

For Replacement Tips Available, see pages 44 to 50

OTHER MODELS AVAILABLE UPON REQUEST

QUICK CHANGE TWEEZERS - 1600-BR / 1600-BR-STD / 1700-BR series

Brass Serrated Handle



Made in
Switzerland
Patented



1604-BR



1704-BR



1604-BR-STD

1600-BR series with Black ESD Safe Tip

1600-BR-STD series with Grey Static Dissipative Tip

1700-BR series with White DELRIN 500 Tip

- Available with Inside Serrated Tip, add suffix "D" (example 1602D-BR)

1602-BR Black ESD Safe 1602-BR-STD Grey Static Dissipative 1702-BR White DELRIN 500 • Medium Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2 mm - .08"	
1603-BR Black ESD Safe 1603-BR-STD Grey Static Dissipative 1703-BR White DELRIN 500 • Strong Flat Tip	115 mm - 4 1/2" 115 mm - 4 1/2" 115 mm - 4 1/2"	 * 2.3 mm - .09"	
1604-BR Black ESD Safe 1604-BR-STD Grey Static Dissipative 1704-BR White DELRIN 500 • Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1604B-BR Black ESD Safe 1604B-BR-STD Grey Static Dissipative 1704B-BR White DELRIN 500 • Curved Fine Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 0.6 mm - .023"	
1606-BR Black ESD Safe 1606-BR-STD Grey Static Dissipative 1706-BR White DELRIN 500 • Strong Angulated SMD Flat Tip	120 mm - 4 3/4" 120 mm - 4 3/4" 120 mm - 4 3/4"	 * 2.5 mm - .1"	

For Replacement Tips Available, see pages 44 to 50

OTHER MODELS AVAILABLE UPON REQUEST