

Nozzles

Dispensing Nozzles

Solder Paste

Adhesive



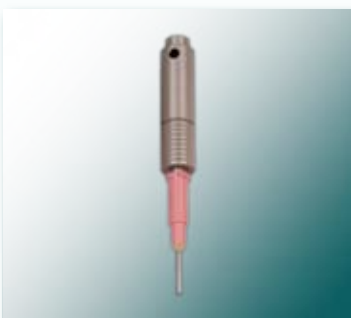
Nozzles for Pick & Place Machines LM900 and LM901



- 910.301*** Pick Up Nozzle 38 mm / 1.5"
For SMDs to SO8
- 910.311** Pick Up Nozzle 38 mm / 1.5" with Rubber Sucker.
For SOICs, PLCCs and QFPs
- CO.0051.00** Suction cup for pick up nozzle, pink



- 910.307**/**** Pick Up Nozzles 30mm pink
for Chip 1206 - S08
- 910.306**/**** Pick Up Nozzles 30mm yellow
for Chip 0805
- 910.302**/**** Pick Up Nozzles 30mm blue
for Chip 0603-0805
- 910.303**/**** Pick Up Nozzles 30mm black
for Chip 0603
- 910.304**/**** Pick Up Nozzles 30mm light blue
for Chip 0402
- 910.305**** Pick Up Nozzle 30mm light blue
2 pieces, for Chip 0201
- 910.309**** Pick Up Nozzle pack 30mm,
each 2x. light blue, black, blue, yellow, pink
- LM.0041.00** Filter-Tube with filter for pick up nozzles 30mm
- 80.0993.00** Vacuumfilter, white (no picture)



Nozzles for Pick & Place Machines SM902 and FP904



971.130 Nozzle for 0907 – 2220 Chips, Melf's, SOICs. Stainless Steel Tip 1.30 mm / 51 mil OD

971.095 Nozzle for 0805 – 1005 Chips
Stainless Steel Tip 0.95 mm / 38 mil OD

971.070 Nozzle for 0603 Chips
Stainless Steel Tip 0.70 mm / 28 mil OD

971.045 Nozzle for 0202 – 0405 Chips
Stainless Steel Tip 0.45 mm / 18 mil OD

971.033 Nozzle for Chip 0201.
Stainless Steel Tip 0.33mm



971.390 Nozzle for PLCCs, QFPs and BGAs with Rubber Sucker
9 mm / 350 mil Dia

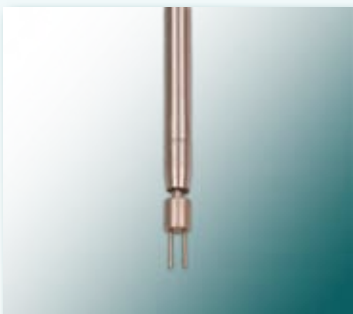
972.010 Gripper Head for SMDs
4 to 10 mm / 160 to 390 mil wide



971.212 Nozzle for Naked Die and LEDs with lenses
Antistatic Plastic Tip 1.3 mm / 51 mil OD

971.230 Nozzle for Naked Die, Components with delicate surfaces and SO8 - SO28L.
Antistatic Plastic Tip 3 mm / 120 mil OD

971.515 Nozzle for Chips 'on end'
Stainless Steel Tip 1.3 mm / 51 mil OD (no picture)



971.408 Nozzle for SMDs with obstacles in the centre of the component top surface eg trimmers, switches etc.
2 Stainless Steel Tips 0.8 mm / 31 mil OD

Center distance 1.7 mm / 67 mil

971.413 Nozzle for SMDs with obstacles in the centre of the component top surface
2 Stainless Steel Tips 1.3 mm / 51 mil OD

Center distance 4.7 mm/ 185 mil



971.S01 Nozzle for LED with Teflon tip
for CREE-Lamp, XP-c LED and XP-E LED
for Osram - Oslon SSL
Customized versions on request.

Nozzles, Syringes and Pastes

Nozzles for Pick & Place Machines FP 904 (without picture)

971.420 Fine Pitch Nozzle 1,3mm OD

971.430 Fine Pitch Nozzle 3mm OD

971.490 Fine Pitch Nozzle 9mm OD



Syringes and Accessories for Dispensing

931.010 Syringe Adaptor 5cc for all Syringes 5cc

931.003 Syringe Adaptor 3cc (no picture)



931.011 Syringe Adaptor 10cc
For Syringe **932.102**



931.212 Syringe Adaptor 5cc for Series Dispensing
For Syringes 931.101 and 932.102



931.101* Syringe 5cc, empty

931.102* Syringe 10cc, empty



* packed in 10s.

Dispensing Nozzles and Pastes

For Adaptor 931.010, 931.003, 931.011

- 931.006*** Dispensing Nozzle.
0.6 mm / 24 mil OD, 0.4 mm / 16 mil ID, light blue
- 931.007*** Dispensing Nozzle.
0.7 mm / 28 mil OD, 0.5 mm / 20 mil ID, black.
- 931.008*** Dispensing Nozzle.
0.8 mm / 31 mil OD, 0.6 mm / 24 mil ID, blue.
- 931.009*** Dispensing Nozzle.
0.95 mm / 37 mil OD, 0.75 mm / 30 mil ID, yellow.
- 931.013*** Dispensing Nozzle.
1.3 mm / 51 mil OD, 1.0 mm / 39 mil ID, pink.
- 931.015** Dispensing Nozzles, pack with different dimensions
each 2x. light blue, black, blue, yellow and pink.



Für Adapter 931.212

- 931.012** Dispensing Nozzle
For Series Dispensing, 0.41 mm / 16 mil ID blue,
packed in 50s
- 931.014** Dispensing Nozzles
For Series Dispensing, 0,41mm / 16 mil ID blue,
packed in 50s.



Solder Paste and Adhesive

- 932.108** Solder Paste 15g in 5cc Syringe, leadfree
Fine Pitch, Sn96, 5Ag3Cu0, 4; RMA; Typ 3 (25-45µm)
- 932.112** Solder Paste KOKI 20g in 5ccm Syringe, leadfree
Sn96, 5Ag3Cu, RMA-Typ, Typ 4 (20-38 µm)
- 932.109** Solder Paste 15g in 5cc Syringe, leadfree.
Super Fine Pitch, Sn96, 5Ag3Cu0, 4; RMA; Typ 5 (10-25µm)
- 932.101** Solder Paste 15g in 5cc Syringe
Sn62Pb36Ag2; RMA; Typ 2 (38-53µm)
- 932.103** Solder Paste 15g in 5cc Syringe
Fine Pitch, Sn62Pb36Ag2; RMA; Typ 3 (25-45µm)
- 932.104** SMD Adhesive Amicon DI25F, rapid cured



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* packed in 10s.

Subject to change.

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