



Spray Nozzles & Systems for Pharmaceutical Industry

Spraytech Products at a Glance

Flow Line Products

- Spray Nozzles
- Spray Systems
- Flow Control Elements
- Control Valves
- Strainers & Filters

Pharma Products

- FBP, FBE, FBC, Spray Nozzles & Lances
- Wurster Coating Lance / Nozzles
- Top Spray Lance / Nozzles
- RMG / HSMG Spray Lance / Nozzles
- Tablet Coating Spray Nozzles (Guns)
- CIP Spray Nozzles

Forged Products

- Forged Fittings
- Flanges
- Valve Manifolds
- Check Valves
- Hydraulic Fittings
- Compression Tube Fittings

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Rabale Plant 2 (Navi Mumbai) :

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Spraytech Systems (I) Pvt. Ltd.,
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I TOP SPRAY



TS 50

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Suitable For Shell ID : up to 350 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : Direct Connection



TS 50AS

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Suitable For Shell ID : up to 350 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Direct Connection



TS 70

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Suitable For Shell ID : up to 350 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : Lance type



TS 70AS

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Suitable For Shell ID : up to 350 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



TS 100

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 2.0 mm
 Suitable For Shell ID : up to 500 mm
 Flow Rate : 0.3 to 2.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



TS 150

Spray Pattern : Full cone
 Spray Angle : 35°-45° (Variable)
 Orifice Range : 0.5 to 2.5 mm
 Suitable For Shell ID : up to 1000 mm
 Flow Rate : 0.5 to 3.0 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



TS 300

Spray Pattern : Full cone
 Spray Angle : 60° and 90° (Fixed)
 Orifice Range : 0.5 to 2.5 mm
 Suitable For Shell ID : up to 1800 mm
 Flow Rate : 0.6 to 7 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



TS 600

Spray Pattern : Full cone
 Spray Angle : 60° and 90° (Fixed)
 Orifice Range : 0.5 to 2.5 mm
 Suitable For Shell ID : up to 2500 mm
 Flow Rate : 0.6 to 10 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



TS 700

Spray Pattern : Full cone
 Spray Angle : 90° (Fixed)
 Orifice Range : 0.5 to 2.5 mm
 Suitable For Shell ID : up to 2500 mm
 Flow Rate : 0.6 to 12 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type

| BOTTOM SPRAY



WS 30

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : On perforated sheet/Plate



WS 50

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : On perforated sheet/Plate



WS 50AS

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : On perforated sheet/Plate



WS 70

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : Lance type



WS 70AS

Spray Pattern : Full cone
 Spray Angle : 15°-20° (Variable)
 Orifice Range : 0.5 to 1.8 mm
 Flow Rate : 0.1 to 1.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



WS 100

Spray Pattern : Full cone
 Spray Angle : 15°-25° (Variable)
 Orifice Range : 0.5 to 2.0 mm
 Flow Rate : 0.2 to 2.5 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : On perforated sheet/Plate



WS 200

Spray Pattern : Full cone
 Spray Angle : 20°-25° (Variable)
 Orifice Range : 0.5 to 2.2 mm
 Flow Rate : 0.3 to 2.8 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



WS 300

Spray Pattern : Full cone
 Spray Angle : 20°-25° (Variable)
 Orifice Range : 0.5 to 2.5 mm
 Flow Rate : 0.3 to 3.2 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting & End Conn. : Lance type



WS 400

Spray Pattern : Full cone
 Spray Angle : 20°-25° (Variable)
 Orifice Range : 0.5 to 2.5 mm
 Flow Rate : 0.3 to 3.2 LPM (Water)
 Auto Shut Off Needle : No
 Mounting & End Conn. : Lance type

| TABLET COATING SPRAY GUN



RB SERIES

- GMP model.
- Complete SS316L construction.
- Separate atomizing and fan air lines for complete control.
- Variable coverage & fine control of drop size without affecting liquid flow rates.
- Non clogging and anti - bearding design.
- Auto shut-off & anti-drip feature.
- Self-cleaning needle design.
- Comes with Wide range of orifice size.
- Orifice size range : 0.5 mm to 2.0 mm



RC SERIES

- GMP model.
- Complete SS316L construction.
- Separate atomizing and fan air lines for complete control.
- Minimum part assembly for easy maintenance.
- Only 2 O-rings.
- Variable coverage and fine control of drop size without affecting liquid flow rates.
- Non clogging and anti - bearding design.
- Auto shut-off & anti-drip feature.
- Self-cleaning needle design.
- Available with and Without flow control feature.
- Orifice size range : 0.5 mm to 1.8 mm



RCS SERIES

- GMP model.
- Compact & lightweight design.
- Complete SS316L construction.
- Separate atomizing and fan air lines for complete control.
- Minimum part assembly for easy maintenance.
- Variable coverage and fine control of drop size without affecting liquid flow rates.
- Non clogging and anti - bearding design.
- Auto shut-off & anti-drip feature.
- Self-cleaning needle design.
- Available with and Without flow control feature.
- Orifice size range : 0.5 mm to 1.2 mm



RDS SERIES

- GMP model
- Complete SS316L construction
- Only 3 connections
- Minimum part assembly for easy maintenance
- Variable coverage and fine control of drop size without affecting liquid flow rates.
- Non clogging and anti - bearding design
- Auto shut-off & anti-drip feature
- Self-cleaning needle design.
- Available with flow control feature.
- Orifice size range: 0.5 mm to 1.8 mm

Optional Accessories available for R series coating spray nozzles



MOUNTING STUD
FOR ROUND ROD
(ACC405)



MOUNTING STUD
FOR HEX ROD
(ACC406)



PLUG
(ACC006)



BARB CONNECTOR
(ACC005)



TAPPED NIPPLE
(ACC303)



PUSH-IN
CONNECTOR
(ACC304)



FLOW REGULATOR
(ACC305)



'T' TYPE AIR FLOW REGULATOR
(PUSH IN TYPE)
(ACC306)



'T' TYPE
PUSH IN CONNECTOR
(ACC307)



'L' TYPE
PUSH IN CONNECTOR
(ACC308)



4 WAY
PUSH IN CONNECTOR
(ACC309)



MANUAL SOLENOID
VALVE
(ACC320)

I RMG / HSG SPRAY NOZZLE & LANCE



GL 50 / GN 50

Spray Pattern : Full Cone
 Spray Angle : 15°-25°
 No Of Head: Single
 Orifice Range : 0.8 To 2.0 Mm
 Flow Rate : 0.1 To 1.5 Lpm (Water)
 Auto Shut Off Needle : Yes
 Mounting Position: Off Centre
 Suitable Pump: Peristaltic Pump, AODD pump,
 Pressure Vessel.



GL 100 / GN 100

Spray Pattern : Full cone
 Spray Angle : 15°-25°
 No of head: single
 Orifice Range : 0.8 to 3.0 mm
 Flow Rate : 0.2 to 2.5 LPM (Water)
 Auto Shut Off Needle : YES
 Mounting position: Off centre
 Suitable Pump: Peristaltic Pump, AODD pump,
 Pressure Vessel.



GL 400 / GN 400

Spray Pattern : Hollow cone (combined)
 Spray Angle : 90°
 No of head: Four
 Orifice Range : 1.0 to 5.0 mm
 Flow Rate : 1.0 to 25 LPM (Water)
 Auto Shut Off Needle : YES
 Mounting position: Centre
 Suitable Pump: Peristaltic Pump, AODD pump,
 Pressure Vessel.



GL 410 / GN 410

Spray Pattern : Hollow cone (combined)
 Spray Angle : 90°
 No of head: Four
 Orifice Range : 0.8 to 3.5 mm
 Flow Rate : 0.5 to 3.0 LPM (Water)
 Auto Shut Off Needle : YES
 Mounting position: Centre
 Suitable Pump: Peristaltic Pump, AODD pump,
 Pressure Vessel.



GL 600

Spray Pattern : Hollow cone (combined)
 Spray Angle : 90°
 No of head: Six
 Orifice Range : 1.0 to 7.0 mm
 Flow Rate : 3.0 to 70 LPM (Water)
 Auto Shut Off Needle : YES
 Mounting position: Centre
 Suitable Pump: Peristaltic Pump, AODD pump,
 Pressure Vessel.



INTERNAL MIX TYPE

Spray Pattern : Hollow cone (Combined)
 Spray Angle : 90°
 Flow Rate : 1.0 to 40 LPM (Water)
 Auto Shut Off Needle : Yes
 Mounting position: Centre
 Suitable Pump: AODD pump, Pressure Vessel.

TANK CLEANING SPRAY NOZZLE



EA

Features : Compact design suitable for Cleaning small vessel/tanks
 Spray Angle : 180°↓ 270°↓ 360°
 Cleaning Diameter : Upto 1.5 M
 Type : Self - rotating.
 MOC : SS304, SS316, PTFE



EB

Features : Compact design suitable for Cleaning small vessel/tanks
 Spray Angle : 180°↓ 270°↓
 Cleaning Diameter : Upto 1.5 M
 Type : Self - rotating.
 MOC : SS304, SS316



EC

Features : Jet type spray pattern, Best suitable For Glass lined reactors
 Spray Angle : 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Self - rotating.
 MOC : SS304, SS316, PTFE



ECB

Features : Jet type spray pattern, Best suitable For Glass lined reactors
 Spray Angle : 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Self - rotating.
 MOC : PTFE (with hastelloy ring)



ED

Features : Flat spray tips for high impact cleaning
 Spray Angle : 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Self - rotating.
 MOC : SS304, SS316



EDB

Features : Flat spray tips for high impact cleaning
 Spray Angle : 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Self - rotating (double race bearing)
 MOC : SS304, SS316



EE

Features : Suitable for Large vessels, High impact cleaning with maximum reach
 Spray Angle : 180°↓ 270°↓ 360°
 Cleaning Diameter : Upto 4 M
 Type : Self - rotating.
 MOC : SS304, SS316



EF

Features : Unique rotating disc design. Best suitable for FBD, FBP, FBC
 Spray Angle : 180°↓ 360°
 Cleaning Diameter : Upto 2 M
 Type : Self - rotating.
 MOC : SS304, SS316



EG

Features : Double sided bearing for effortless rotation Best suitable for SS reactors, Pharmaceutical Vessels
 Spray Angle : 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Self - rotating.
 MOC : SS304, SS316



EH

Features : Uni body design Multiple orifice for high impact jet spray
 Spray Angle : 180°↓ 270°↓
 Cleaning Diameter : Upto 1.5 M
 Type : Stationary
 MOC : SS304, SS316, PTFE



EI

Features : Uni body design, Multiple jet spray with high flow
 Spray Angle : 180°↓ 270°↓ 360°
 Cleaning Diameter : Upto 2.5 M
 Type : Stationary
 MOC : SS304, SS316



EK

Features : Unique retractable type pop up nozzle Best suitable for isolators
 Spray Angle : 270°
 Cleaning Diameter : Upto 1 M
 Type : Self - rotating, Retractable
 MOC : SS304, SS316



EL

Features : High impact Double jet with controlled rotation. Best suitable tanks above 4 meters
 Spray Angle : 360°
 Cleaning Diameter : Upto 20 M
 Type : Self - rotating.(Gear driven)
 MOC : SS316



EM

Features : High impact Four jet with controlled rotation. Best suitable tanks above 3 meters
 Spray Angle : 360°
 Cleaning Diameter : Upto 18 M
 Type : Self - rotating.(Gear driven)
 MOC : SS316



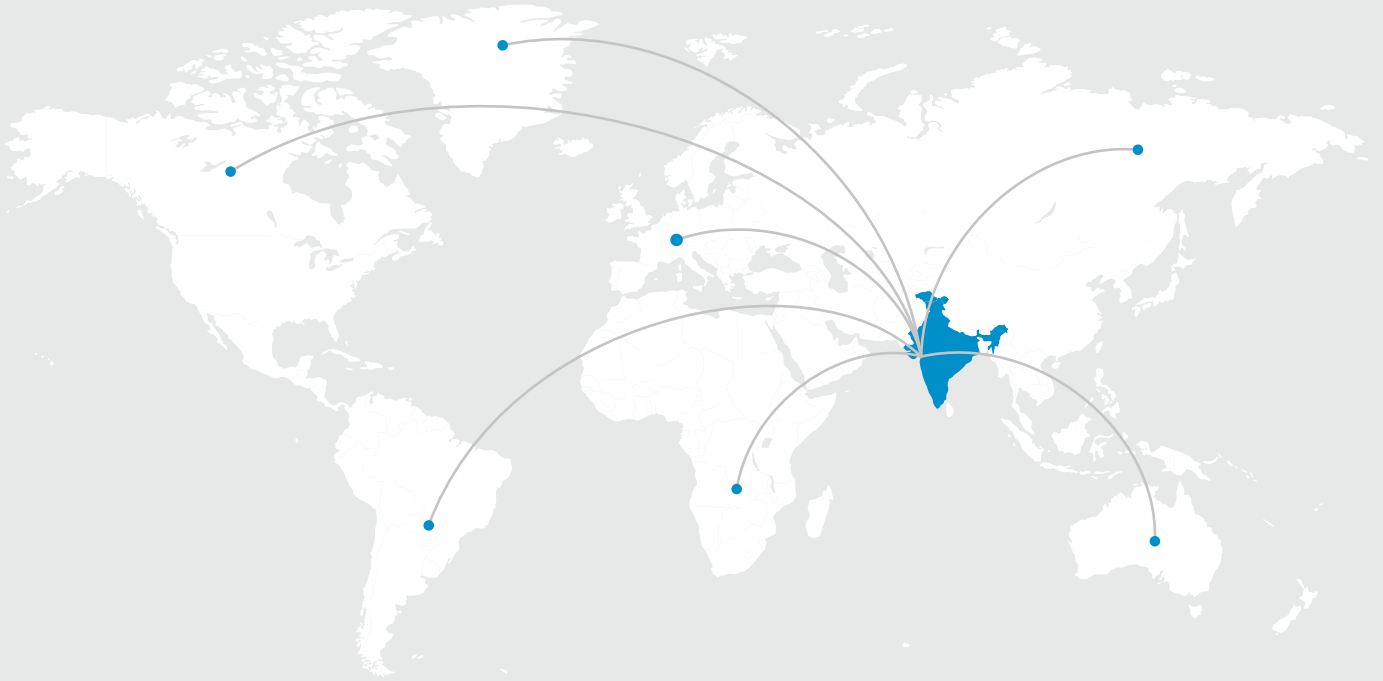
EN

Features : Unique rotating disc design.
 Spray Angle : 360°
 Cleaning Diameter : Upto 2 M
 Type : Self - rotating.
 MOC : SS316, C-PTFE



EP

Features : Compact design with flat slit for high impact spray
 Spray Angle : 360°
 Cleaning Diameter : Upto 1.5 M
 Type : Self - rotating.
 MOC : SS316



OUR BRANCHES

Regd. Office (Mumbai) :

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Navi Mumbai - 400 701.

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Spraytech Systems (I) Pvt. Ltd., Plot No.: A-5, Indapur Five Star
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WEBSITE



YOUTUBE