

FasTRAK™ Plasma System

Versatile Strip Processing

High Reliability Strip Handling

The FasTRAK™ Plasma System is a fully-automated, high-throughput, plasma treatment system for lead-frame strips, laminate substrates, and other strip-type microelectronic components.

Measuring 1.65 meters wide by 1.5 meters deep the FasTRAK Plasma System has a >35% smaller system footprint than previous strip processing models. The capability to reuse magazines further reduces the effecte(f)-6ootpri92(n)-4(t)-4 (a)1(s)-8(t)-4(h)-4(e)1(e)2(mt)-4(p)-4tbyP maa5(z)43(i)2(es)5(s) d1(o noo)11(es)5es)5 d1(to beu)16 (s)-4(ma)5gc mat hes syste

Specifications: FasTRAK™ Plasma System

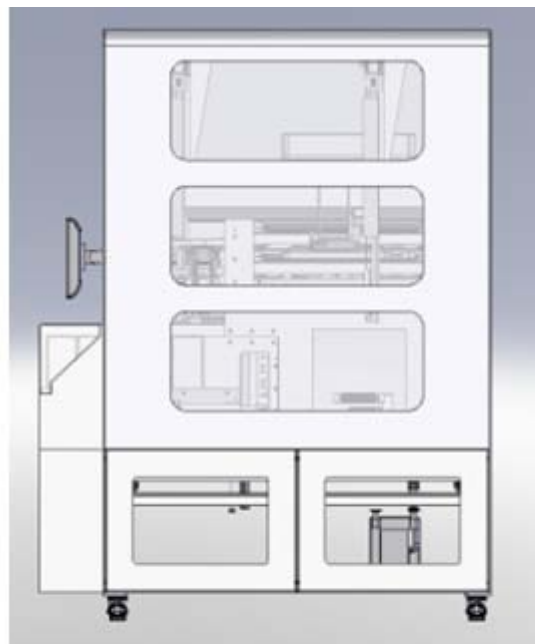
Enclosure Dimensions	W x D x H – Footprint	1650 W x 1500 D x 2100 H mm (64.96 W x 59.06 D x 82.68 H in.)
	Net Weight	909 kg (2000 lb)
	Effective Footprint – Clearances	Right, Left, Back – 914 mm (36 in.) Front – 914 mm (36 in.)
Chamber	Dimensions	330 W x 330 D x 50 H mm (13 W x 13 D x 2 H in.)
	Volume	5.5 liters (338 in ³)
	Variable Electrode Configurations	Power-Ground; Ground-Power; Power-Power
Electrodes	Powered Electrode Dimensions	325 W x 325 D x 50 H mm (12.8 W x 12.8 D x 2 H in.)
	Working Area	305 W x 305 D mm
RF Power	Standard Wattage	600 W
	Frequency	13.56 MHz
Gas Control	Maximum Number of MFCs	4
Control System	PLC Control with PC Based Touch Screen Interface	
Remote Interface	SMEMA; SECS/GEM	Optional
Vacuum Pump	Dry vacuum pump	16 CFM Variable Frequency Drive
Facilities	Power Supply	220VAC, 15A, 50/60Hz, Single Phase, 12 AWG, 3-Wire
	Process Gas Fitting Size & Type	.25-in. OD Swagelok Tube
	Process Gas Purity	Industrial grade or better
	Process Gas Pressure	Regulated from .69 bar (10 psig) min. to 1 bar (15 psig) max.
	Purge Gas Fitting Size & Type	.25-in. OD Swagelok Tube
	Purge Gas Purity	Industrial grade Nitrogen or CDA
	Purge Gas Pressure	Regulated from 2 bar (30 psig) min. to 5.5 bar (80 psig) max.
	Pneumatic Valves Fitting Size & Type	.25-in. OD Swagelok Tube
	Pneumatic Gas Purity	CDA, Oil Free, Dewpoint <=7°C /45°F, Particulate Size <5 micron
	Pneumatic Gas Pressure	Regulated from 3.4 bar (50 psig) min. to 5.5 bar (80 psig) max.
	Exhaust	25.4mm (1 in.) OD Pipe Flange
	Vacuum Source	-80 kPa (-23.3 in. Hg)
	Compliance	Certifications
Ancillary Equipment	Optional Equipment	Nitrogen generator, Hydrogen generator (Requires Additional Non-Optional Hardware), Scrubber

Dimensions: FasTRAK™ Plasma System



← 1.65 m →

FasTRAK Plasma System – Front View



2.1 m

← 1.5 m →

FasTRAK Plasma System – Right Side View

FasTRAK™ Plasma System



**For more information,
speak with your local
representative or
contact your regional
office.**

nordsonmarch.com

North America

Headquarters

Concord, CA, USA

+1.925.827.1240

info@nordsonmarch.com

China

Shanghai

+8621.3866.9166

Europe & Africa

Maastricht, Netherlands

+31.65.155.4996

S.E. Asia

Singapore

+65.6796.9500

Korea

Seoul

+82.31.736.8321

India

Chennai

+91.44.43539024

Nordson MARCH

+1.800.326.1151 Phone

info@nordsonmarch.com Email

2470-A Bates Avenue

Concord, CA, 94520-1122 U.S.A.

www.nordsonmarch.com

Revision B

