

DEK 265 GSX

FEATURES:

- Telecentric Vision System
- Automatic Paste Dispensing
- Environmental Control of the Printhead
- Dual-Flo Squeegee System
- Programmable Underscreen Cleaning

OPTIONS:

- Autoflex Programmable Tooling
- 2D Inspection



MACHINE DIMENSIONS

51.7 in. (1.31 m) wide x 55.3 in. (1.41 m) deep
x 57.4 in. (1.46 m) high

Approximate Shipping Weight

1,760 lbs. (800 kg)

PNEUMATIC REQUIREMENTS

4-8 bar (60-120 psi)

ELECTRICAL REQUIREMENTS

110,200, 220, 230, 240 Volt
50.60 Hz approximately 3 kW

SCREEN FRAMES

29 in. (736 mm) x 29 in. (736 mm) external
dimensions

Easily adjustable to accept most competitors'
frame sizes. Adapters available for other
sizes.

BOARD HANDLING

Board Size:

max.- 20.1 x 20 +/- 0.02 in. (510 x 508 +/- 0.5
mm)

min.- 2.8 x 1.5 +/- 0.02 in. (70 x 38 +/- 0.5
mm)

Thickness: 0.016 – 0.25 in. (0.4 – 6.0 mm) +/-
10%

Underside Component Clearance: Program-
mable in the range 0.12 – 1 in. (3 – 25 mm)

Feed Direction: Selectable pass thru, left-to
right or right-to-left, or single-ended operation

PRINT PARAMETERS

Max. Area: 20 in. (510 mm) x 19.25 in. (489
mm)

Speed: 0.08-5.9 in./ sec (2-150 mm/sec)

Pressure: 0-44 lbs. (0-20 kg)

Gap: 0-0.24 in. (0-6 mm)

Programmable Separation Speed: 0.06-0.79
in./sec (0.1 mm- 20 mm/sec)

Paste Dispenser: Programmable dispense rate
and volume. Interchangeable 1 kg (0.5 kg
optional) cartridge with low paste alarm.

Screen Cleaner: Programmable 0-100 cycles
with solvent and vacuum option

Squeegee Types: Double squeegee, single
diamond or trailing edge bonded polyurethane,
metal or composite ProFlow DirEkt Imaging
compatible

VISION PARAMETERS

Single motorized camera with telecentric look
up/down optics

PERFORMANCE

Alignment Repeatability: 6 Sigma at 25 mi-
crons

Print Accuracy: 3 Sigma at 25 microns

CONTROL SYSTEM

Serial communication to SECS II for parameter
and Management Information. SPC data
output. Parallel output to printer.



Northern Electronics Automation, Inc.

6 George Avenue, Londonderry, NH, USA 03053

Tel: 603. 669.6080

Fax: 603. 669.7033

Email: Sales@neainc.com

Website: www.neainc.com

NEA INC