



NEWLONG SCREEN PRINTER



DP-320

DESKTOP SCREEN PRINTER

PRECISION DESKTOP SCREEN PRINTER

DP-320

MAIN FEATURES

- Low cost compact screen printer for research and production
- Mechanical repetition accuracy of $\pm 10\mu\text{m}$
- Input Print Stroke, Print Speed and other parameters through Touch Screen (Digitized printing condition)
- Special table for fuel cell application is available (Option)
- Desktop squeegee grinder is strongly recommended for accurate printing

PRECISION

Sheet to Sheet Screen Printing

Basic Specification

Machine Size (mm)	465(W) x 925 (D) x 520(H)
Weight	60kg
Repeatability	$\pm 0.01\text{mm}$
Screen Frame Size (mm)	320 x 320
Clearance	0~10mm
Utility	AC 100V 50/60Hz 0.5kVa 0.5Mpa air

Table Specification

Table Size (mm)	230 x 230
Work Setting	Vacuum
Table Stroke (mm)	

Frame / Screen Specification

Frame Setting	4-point clamp
Alignment Mechanism	Adjustment screws
Alignment Amount	3mm for X and Y, θ angle 1 degree

SMALL FOOT PRINT BIG ADVANTAGE

Printing parameter setting can be done through Touch Screen and the system can be controlled with PLC.



SQUEEGEE

Squeegee moves front and back. moves front and back.
Head speed: 10 ~ 300mm / sec
Stroke: 20~210mm
Pressure: 60~240N (air regulator)
Angle: 60~90 degrees

Manufactured by NEWLONG



21-5 Higashi Gotanda 3-chome
Shinagawa-ku, Tokyo, Japan 141-0022

Distributed by TEXMAC Inc.

HQ: 3001 Stafford Drive, Charlotte, NC 28208
West Coast: 3370 Montgomery Drive, Santa Clara, CA 95084

www.texmacusa.com

Phone (704) 394-0314
Phone (408) 970-9171

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