

TK1215 - Universal Genesis GC-30S Placement Machine (2011)

Model: Genesis GC-30S Placement Machine

SKU:

Year: 2011



Description:

Universal Genesis GC-30S Placement Machine (Refurbished in 2011)

Brand: Universal Instruments Corporation

Model: GC-30S

Year: 2004 (Rebuilt by Broome Engineering in 2011)

Type: Placement Machine

Serial Number: 10154660

Family Number: 513978

Placement Counter: 41777887

TRIM Results: X= 1.41 Cpk; Y= 1.70 Cpk

Machine Specifications:

Software Version: UPS+ 8.3.0.9 Microsoft Windows XP Professional Version 2002 Service Pack 3

Single Gantry, Single Beam

Head types: 1 x 30-spindle Lightning Head

OTHC (WFOV): Firewire 1394A 2.9 mil per pixel

OTHC (NFOV): Firewire 1394A 0.8 mil per pixel
Firewire 1394A 0.66 mil per pixel PEC Camera
Conveyor Type: Single conveyor, left-to-right
PCB Dimensions: Length 50.8mm to 508mm Width 88.9mm to 508mm

Component Capabilities:

Min Component: 0402mm (01005")
Max Component (square) - standard: 20mm (0.79")
Max Component (square) - RFQ: 30mm (1.18")
Max Component Height: 6mm (0.24")
Min Component Pitch: 0.081mm(0.003")
Min Ball Dia.: 102um
Placement Force(grams): 200 ± 20%
Special Vac Nozzle (Odd-form): No
Gripper Nozzle (Odd-form): No
Max CPH: 32,000
CPH/m²: 8,516
1608 CPH – Single Lane board Handling (IPC 9850 4 boards): 19,750
Practical Chip TACT (1608): 0.182
Practical SOIC TACT (8 SOIC): 0.26
Practical Odd-form TACT: N/A

Accuracy:

1608 Accuracy: 65um @ 1.33 CpK
100QFP Accuracy: 65um @ 1.33 CpK

Feeder Capacity:

8mm Input: 136
12mm Input: 68
16mm Input: 34
Tube Input: No
Bulk Input: No
Bank Change: Yes
Splicing: Yes

Machine Dimensions:

Length x Depth (meters): 1.67 x 2.25

