



# ACCUTRAY 30

## Auto-align Imaging Platform

The AccuTray™ AT 30 is OLEC's innovative, automatic vision-based registration system for imaging printed circuit boards or chemical machining.

### Versatility

The AccuTray AT 30 can handle tasks impossible to achieve using conventional equipment and offers a much higher level of control and versatility.

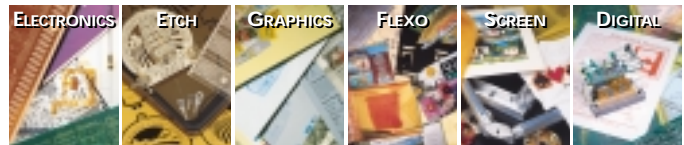
The AT 30 comes standard with two programmable cameras per tray with an option of four cameras per tray. AccuTray will align top-to-bottom-film and panel-to-film using a best-fit method.

*Precision Registration*

*Automatic Alignment*

*Programmable  
Configuration*

*Quick Turn or  
Volume Production*



# AccuTray 30 SPECIFICATIONS

## FEATURES

- Film-to-film / panel-to-film / fiducial-to-film registration
- Built-in cameras are position programmable to accommodate panel sizes and targets
- Independent tray programming for job flexibility
- Pre- and post-vacuum registration verification
- Go/no go print settings
- Exceptional for prototype, short-run, or tight-tolerance work
- Quick and easy artwork set-up and change over
- Thermally or chemically strengthened glass for durability
- Available as a single or dual-tray AT 30

## GENERAL

Maximum exposure area: 24" x 30" / 610mm x 762mm

Minimum exposure area: 9" x 16" / 229mm x 406mm

Input voltage: 208/240 vac

Maximum current: 65 amps (AT 30 5000)

90 amps (AT 30 8000)

Air requirements: 9psi / 12cfs

6.2bars / 335 cfm

Size (Point Light Model): 49" x 78" x 97"

1245mm x 2261mm x 2464mm

Size (Hybrid Collimation Model): 49" x 78" x 117"

1245mm x 2261mm x 2972mm

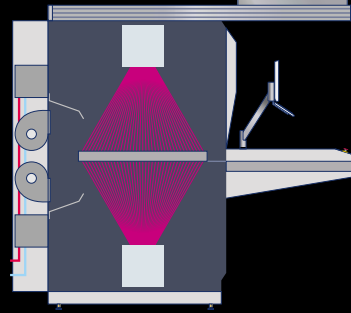
Shipping weight: 1500lb / 681kg

2000lb / 908kg

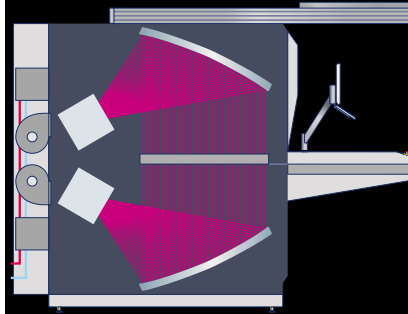
Water volume per minute: 7gal / 26.1ltr (AT 30 5000)

10gal / 38.1ltr (AT 30 8000)

Water temp: 45°F / 7°C



**Point Light**



**Hybrid Collimation**

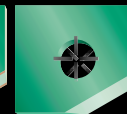
## AccuTray Registration



Innerlayer / PCM  
After Etch



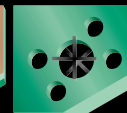
Fiducial



Outerlayer Or  
Innerlayer Pre-Punched



Soldermask Fiducial  
Two Sides



Outerlayer Statistical  
Registration



Laser-Drill  
Skived To Innerlayer

High accuracy alignment of top film, bottom film, and panel.



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