

Innovative & Powerful CTP Solutions

Vertical Automatic

Prism™ Series V Type

- High Power UV Laser
- 1200 Sheet
- Full Automatic

UV Setter

Model
Vertical Automatic Loading UV CTP Series

Prism™ V80 · V128

Vertical Automatic



Specifications

| Product | Prism™ Series | |
|-------------------------|--|----------|
| File Loading | Vertical Automatic Loading Type | |
| Model | V80-V128 | V80-V128 |
| Laser Channel | 80 Ch | 128 Ch |
| Throughput | 30 ips | 40 ips |
| Laser | 40W UV Laser | |
| Plate Type | UV CTP Plate, Conventional PS plate | |
| Image Resolution | 2400i | |
| Screening | AM, FM, FM Screening | |
| Screening Technology | Digital Drive | |
| Maximum Plate Size | Max. 360 x 630mm (14" x 24.8") | |
| Minimum Plate Size | Min. 100 x 60mm (3.9" x 2.4") | |
| Plate Thickness | 0.3 - 0.6mm (0.012" - 0.024") | |
| Power Requirement | 80 A/200V/1Ph, 50/60Hz 1500W | |
| Plate Capacity Capacity | 1 - 40 Plates | |
| Dimension (L x W x H) | 2000 x 1070 x 2400mm (78.7" x 41.7" x 94.5") | |
| Weight | 2300kg | |
| Environmental | Operating Temperature: 20-30°C Relative Humidity: 20-70%RH (non-condensing) | |

Innovative & Powerful CTP Solutions

Full Automatic

Prism™ Series F Type

UV Setter

Model
Full Automatic Loading UV CTP Series

Prism™ F128 · F160

- High Power UV Laser
- 1200 Sheet
- Full Automatic

Full Automatic



Specifications

| Product | Prism™ Series | |
|-------------------------|--|-----------|
| File Loading | Full Automatic Loading Type | |
| Model | F128-F160 | F128-F160 |
| Laser Channel | 128 Ch | 160 Ch |
| Throughput | 40 ips | 40 ips |
| Laser | 40W UV Laser | |
| Plate Type | UV CTP Plate, Conventional PS plate | |
| Image Resolution | 2400i | |
| Screening | AM, FM, FM Screening | |
| Screening Technology | Digital Drive | |
| Maximum Plate Size | Max. 360 x 630mm (14" x 24.8") | |
| Minimum Plate Size | Min. 100 x 60mm (3.9" x 2.4") | |
| Plate Thickness | 0.3 - 0.6mm (0.012" - 0.024") | |
| Power Requirement | 80 A/200V/1Ph, 50/60Hz 1500W | |
| Plate Capacity Capacity | 1 - 300 Plates | |
| Dimension (L x W x H) | 2000 x 1070 x 2400mm (78.7" x 41.7" x 94.5") | |
| Weight | 2300kg | |
| Environmental | Operating Temperature: 20-30°C Relative Humidity: 20-70%RH (non-condensing) | |



Innovative & Powerful CTP Solutions

Semi Automatic

Prism™ Series S Type

UV Setter

Model
Semi Automatic Loading UV CTP Series

Prism™ S64 · S80 · S128

Semi Automatic

- High Power UV Laser
- 1200 Sheet
- Semi Automatic



Specifications

| Product | Prism™ Series | | |
|-------------------------|--|----------|----------|
| File Loading | Semi Automatic Loading Type | | |
| Model | S64-S128 | S64-S128 | S64-S128 |
| Laser Channel | 64 Ch | 80 Ch | 128 Ch |
| Throughput | 25 ips | 30 ips | 40 ips |
| Laser | 40W UV Laser | | |
| Plate Type | UV CTP Plate, Conventional PS plate | | |
| Image Resolution | 2400i | | |
| Screening | AM, FM, FM Screening | | |
| Screening Technology | Digital Drive | | |
| Maximum Plate Size | Max. 360 x 630mm (14" x 24.8") | | |
| Minimum Plate Size | Min. 100 x 60mm (3.9" x 2.4") | | |
| Plate Thickness | 0.3 - 0.6mm (0.012" - 0.024") | | |
| Power Requirement | 80 A/200V/1Ph, 50/60Hz 1500W | | |
| Plate Capacity Capacity | 1 - 300 Plates | | |
| Dimension (L x W x H) | 2000 x 1070 x 2400mm (78.7" x 41.7" x 94.5") | | |
| Weight | 2300kg | | |
| Environmental | Operating Temperature: 20-30°C Relative Humidity: 20-70%RH (non-condensing) | | |

Innovative Cost Reducing Science!
Now Experience Firsthand
Prism™'s the FIVE Satisfaction.



S
SAVING

Innovative Cost Reduction

- Reduced Raw Material Cost by Using Conventional PS Board
- 4-6 Plate, 40 Plates Capability @25-4000/hour
- Superior Productivity than Any Other Current Machines
- Reduced Maintenance Cost



P
PERFECT

Full Automatic System

- Full Automatic System for Vertical Supply (Vertical Automatic Loading Type)
- Full Automatic System for Parallel Supply (Automatic Resetting & Full Automatic Loading)
- Automatic Control for Light Exposure
- Easy Control on Spinning Speed
- High Precision & Automatic Locating Technology

H
HIGH

Superior Productivity

- Superior High Throughput per Hour
- Enhanced Printing Quality (cp3) with CMS
- Efficient Working Environment Interlinked with Various Work Flow
- Perfect Design for Maximized Space Utilization



F
FAST

Fast Work Start Up & A/S

- Thorough Product Stability: Only the products that passed the precise examination for quality certification procedure can be sold on the market, and they can be mass produced right after the installation.
- Installing Period: 1-2 Days (easy & simple training is provided)
- The best in the market for A/S support system and fast start-up

M
MULTIPLE

Diversified Lines

- No. of Channels: 64, 80, 128, 160 Channels
- Equipment Type: Full Automatic Loading System
Vertical Automatic Loading System
Semi Automatic Loading System



UV CTP - Prism™

Is Produced Based on the High Precision Semiconductor Inspection Technology That Can Inspect ONE Micron.

Fiber Optic Fusion Technology,
High Precision Designing & Manufacturing Technology,
High Precision Motion Control Technology,
Nano-Level Locating Technology!

High Power Laser Technology
Multi-Channel Laser Technology
Vertical & Parallel Model
Full Automatic Loading System
Easy & User Friendly Program
Precise & Perfect Quality Control

High Precision Equipment Designing Technology
Nano-Level Locating Technology
High Precision Motion Control Technology
High Precision Optical & Laser Control Technology
100% Self-Developed & Unique Technology in Possession
Satisfaction Guarantees Customer Support



Innovative & Powerful CTP Setter Solutions Prism™ Series

AJUHITEK's UV CTP - Prism™
We will go together with our customer's
success through the innovative cost reduction solution.



 **AJUHITEK INC.**
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Innovative & Powerful CTP Setter Solutions

Prism™ Series

UV CTP Setter Solution !!



 **AJUHITEK INC.**
이주하이텍(주)

UV CTP - Prism™

World Best Competitive UV Solution
Begins from AJUHITEK.

Self-Developed Automatic Optical Inspection Technology for Semiconductor Board is exclusively provided by AJUHITEK!
We are ranked at FIRST in the world for COP circuit film board inspection equipment for ultra mini circuit board pattern's LCD driver IC board.
A new world era for UV CTP - Prism™ is opened by our exclusive technology.

- ✓ Innovative Cost Reducing Solution
- ✓ Optimal Response for CTP & Conventional PS Board
- ✓ High Quality Output by Pulse Laser Method
- ✓ Ultrahigh Speed Productivity through Multi-Channel Technology

