SEIKA

Sayaka
PCB Dry Slicers

SAYAKA

SAM-CT34NSL

High Rigidity and Precision Cutting with Human Error Prevention

High Rigidity and Precision Cutting with Human Error Prevention

Key Features

▷ **User-Friendly Operation:** Easy program teaching via a touch-display ensures simple and efficient setup.

▷ **Cost-Effective:** Eliminate the need for V-scoring, preventing sagging during reflow and ensuring PCB integrity.

▷ **Smooth Finish:** The cut face is ground smooth, enhancing the quality of the final product.

▷ **Minimized Stress on PCBs:** Protect your components and ensure reliability with >500μ-strain.

▷ **Visual Confirmation:** Cut lines can be confirmed by monitor (optional), ensuring precision and accuracy.

▷ **Adjustable Speed:** Cutting speed can be adjusted for mass production, optimizing efficiency.

Model	SAM-CT34NSL
Cutting Range	330x400mm
Board Thickness	t=0.4~2.0mm
Material	FR4, CEM3, etc.
Component Height Limit	Upper face: 47mm, Bottom face: 10mm (including PCB thickness)
Blade	GC blade Φ125×Φ40×t=0.2-0.5mm (standard t=0.3mm) Chipped saw Φ125×Φ 40×t=0.5mm (standard)
PCB Hold	Mechanical chuck or slide rails
Fixing on Jig	Optional – not required
X Axis	Hybrid Stepper Motor with Closed-Loop Control
Max. Cut Speed	300mm/sec
Motion Speed	300mm/sec
Y Axis	Hybrid Stepper Motor with Closed-Loop Control
Conveyance Speed	90mm/sec
Motion Speed	200mm/sec
Repeatability Positioning Accuracy	±0.03mm

(continued)

Model	SAM-CT34NSL
Z Axis	Air cylinder
R Axis	Inverter-driven induction motor
R-axis RPM	5,700rpm
Power Supply	Φ 1 AC100V 50/60Hz
Max Electric Consumption	0.3KVA (excluding dust collector)
Air Pressure	0.4~0.5MPa
Air Consumption	Approx. 70L/min
Outer Size	W900×D1,020×H1,330mm
Weight	Approx. 330kg
Cut Program Creation	Touch-display
Input Method	Coordinate value input
Number of Programs	Max. 300 in machine Max. 3,000 in SD card
Power Supply	Φ 1 AC100V 50/60Hz
Max Electric Consumption	0.3KVA (excluding dust collector)
Air Pressure	0.4~0.5MPa
Air Consumption	Approx. 70L/min
Outer Size	W900×D1,020×H1,600mm
Weight	Approx. 330kg

SAM-CT3SLA

Semi-Auto Desktop Dry Slicer

Streamline Your Operations with Precision and Efficiency

Experience the superior performance and reliability of the Sayaka SAM-CT3SLA Dry Slicer. Perfect for your prototyping and high mix, low volume production needs, they offer precision, safety, and efficiency, ensuring high-quality output every time. Contact us to learn more and see how our slicers can benefit your production line.

Key Features

▷ **Automated Cut Position Feeding:** Enhance your operation efficiency with automated feeding, reducing manual intervention.

▷ **User-Friendly Touch Display:** Simplify programming with an intuitive touch display, making setup quick and easy.

▷ **Cost Effective:** Eliminate the need for V-scoring, preventing sagging during reflow and ensuring PCB integrity.

▷ **Smooth and Precise Cuts:** Achieve a smooth cut face, eliminating the need for additional finishing.

▷ **Minimized Stress on PCBs:** Protect your components and ensure reliability with >500μ-strain.

▷ **Versatile Production:** Ideal for both prototyping and high mix, low volume production runs.

Model	SAM-CT23BPF
X/max. PCB-holding length	Standard: 196mm, Option: 296mm
Y/our length (board length)	330mm
Board Thickness	t=0.5~2.0mm
Material	FR4, CEM3, etc.
Component Height Limit	Upper face: 47mm, Bottom face: 10mm (including PCB thickness)
Max Cut Lines	16 Line
Blade	GC blade Φ125× Φ40×t=0.2-0.5mm (standard t=0.3mm) Chipped saw Φ125× Φ40×t=0.5mm (standard)
PCB Hold	Mechanical chuck or slide rails
Jig Fixture	Optional – not required
Spindle Motor	Inverter-driven induction motor (60W)
Spindle RPM	0-5700rpm
Feed Motor	DC motor
Cutting Speed	16mm-63mm
Motion Speed	47mm-88mm
Power Supply	Φ1 100V 50/60Hz
Max Electric Consumption	Approx. 0.35KVA (excluding dust collector)
Outer Size	W475×D772×H401mm (Chuck unit/upper holder) W546×D772×H680mm (Chuck unit/upper holder)
Weight	Approx. 53kg
Controller Box Size	W150×D520×H388.5mm
Controller Box Weight	Approx. 12kg
Program Capacity	Max. 100

Dry Slicers

SAM-CT3SLG

Optimize Your Process with Cost-Effective Precision

Experience the superior performance and reliability of the SAM-CT3SLG Dry Slicer. Perfect for your prototyping and high mix, low volume production needs, they offer precision, safety, and efficiency, ensuring high-quality output every time. Contact us to learn more and see how our slicers can benefit your production line.

Key Features

▷ **Cost Effective:** Eliminate the need for V-scoring, preventing sagging during reflow and ensuring superior PCB integrity.

▷ **Smooth, Ground Cut Face:** Achieve high-quality, smooth cut faces with our precision grinding.

▷ **Minimized Stress on PCBs:** Protect your components and ensure reliability with >500μ-strain.

▷ **Adaptable Production:** Perfect for both prototyping and high mix, low volume production.

Model	SAM-CT3SLG
X/max. PCB-holding length	Standard: 196mm, Option: 296mm
Y/our length (board length)	330mm
Board Thickness	t=0.5~2.0mm
Material	FR4, CEM3, etc.
Component Height Limit	Upper face: 47mm, Bottom face: 10mm (including PCB thickness)
Blade	GC blade Φ125×Φ40×t=0.2-0.5mm (standard t=0.3mm) Chipped saw Φ125× Φ40×t=0.5mm (standard)
PCB Hold	Mechanical chuck or slide rails
Jig Fixture	Fixing on jig
Spindle Motor	Inverter-driven induction motor (60W)
Spindle RPM	0-5700rpm
Feed Motor	DC motor
Cutting Speed	16mm-63mm
Motion Speed	47mm-88mm
Power Supply	100V 50/60Hz
Max Electric Consumption	Approx. 0.3KVA (excluding dust collector)
Outer Size	W475×D752×H401mm (Chuck unit/upper holder) W546×D752×H680mm (Chuck unit/upper holder)
Weight	Approx. 53kg
Controller Box Size	W170×D480×H363.5mm
Controller Box Weight	Approx. 12kg