



# UV Simple frame

UV Simple frame is a tool to irradiate dicing frames with UV tape after the dicing process.

The use of UV tape is very convenient if chip dimensions are either very small or very large. In such cases there can be advantages in dicing or during detaching from tape.

UV tape requires the introduction of an irradiation process after dicing. This process, at present, is made by manual tools or with expensive automated in line machines.

UV Simple Frame is a simple, semi-automated table top tool to perform UV irradiation for labs and small productions.

UV Simple Frame is microprocessor controlled and features an automated movement to load and unload a single frame into the irradiation chamber, thus avoiding potentially dangerous handling operations and assuring the best lamp life cycle.

More, the low frequency UV lamp system (360 nm wavelength), allows to obtain the same (or better) results than conventional UV - C lamps, without some problems that conventional lamps have, and in particular low pressure high wavelength lamps are not dangerous and does not produce ozone, not requiring special shields and exhaust.

Control interface is extremely simple and user friendly, not requiring any long training for operators.

## Specifications

Operation	Semi automatic with motorized drawer platform
Control	Microprocessor controlled with simple operator interface
Lamps	360 nm UV lamps with electronic ballasts
Lifetime	minimum 2000 hours to reach a 50% lamp efficiency
Typical curing time	Dicing tape deactivation: about 40 seconds (full efficiency lamps)
Frame type	SEMI standard (other types on request)
Dimensions	550 mm W x 350 mm D x 150 mm H (6" version) plus control box
Facilities	AC 220 - 240 V - 2 A 50 /60 Hz

(Specifications are subject to change without any obligation on the part of manufacturer)

