



Proteus Frame

AUTOMATIC FRAME IRRADIATION TOOL FOR UV DICING TAPE

Proteus Frame is an automated tool to irradiate dicing frames with UV tape after the dicing process.

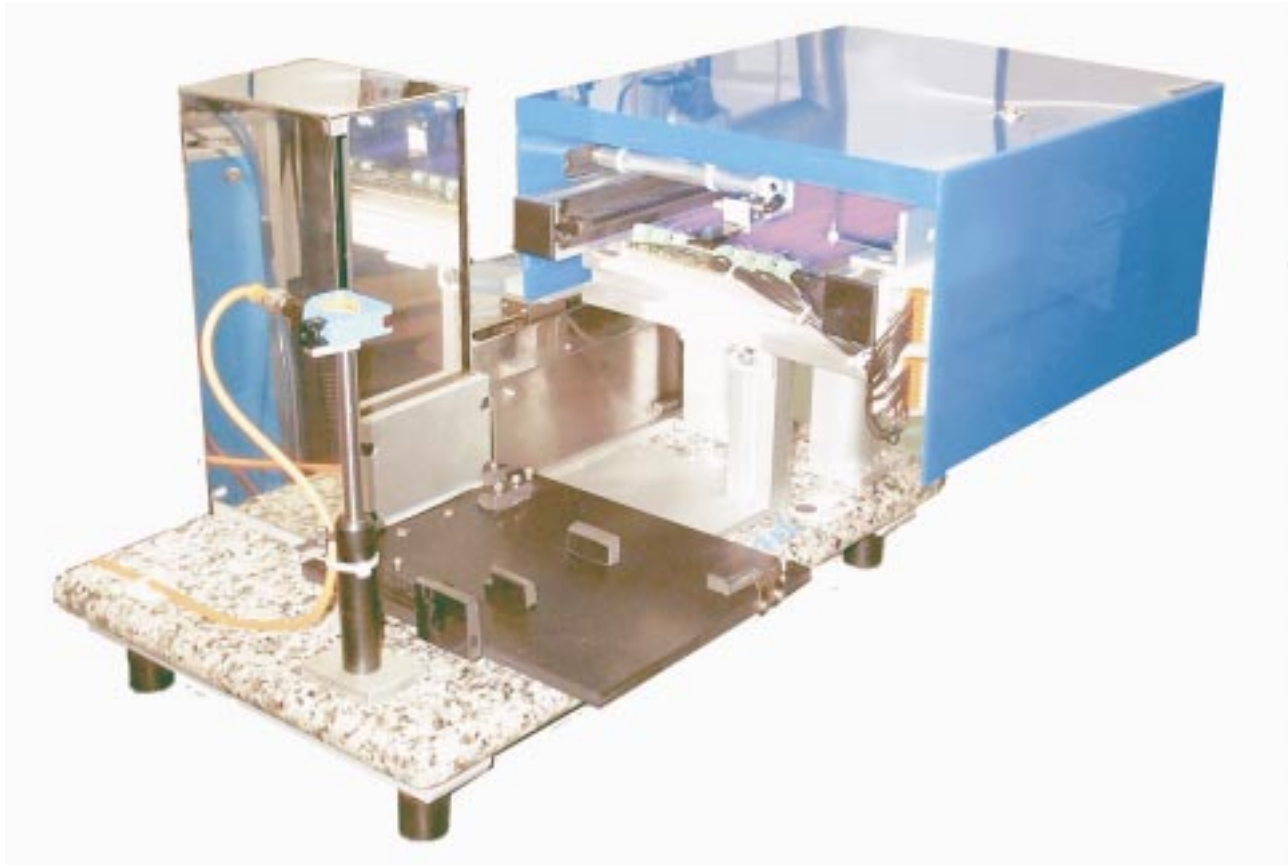
The use of UV tape is very convenient if chip dimensions are either very small or very large. In such cases there can be advantages in dicing or during detaching from tape.

The use of 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.

Proteus Frame is a simple, fully automated table top tool to perform UV irradiation in a simple and reliable way.

Proteus Frame is computer controlled and features a complete laser mapping to directly access frames into the cassette. More, the high frequency lamp system (350 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 high frequency lamps are not dangerous and does not produce ozone, not requiring then special protections and exhaust.

Computer interface is extremely simple and user friendly, not requiring any special training for operators.



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MAIN FEATURES:

Table top machine

2 Axis, Step Motor Driven

Computer Control

Laser Mapping

High frequency UV lamp (350 nm) with high frequency electronic ballast

Dimensions: 700 mm W, 450 mm D, 500 mm H (plus computer and monitor)

Facilities: 220 Vac, 0,5 Kw, Air pressure 6 Bar

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