

# LASER DECAPSULATION

POWERFUL TECHNOLOGY IN A CUBE

FA CUBE

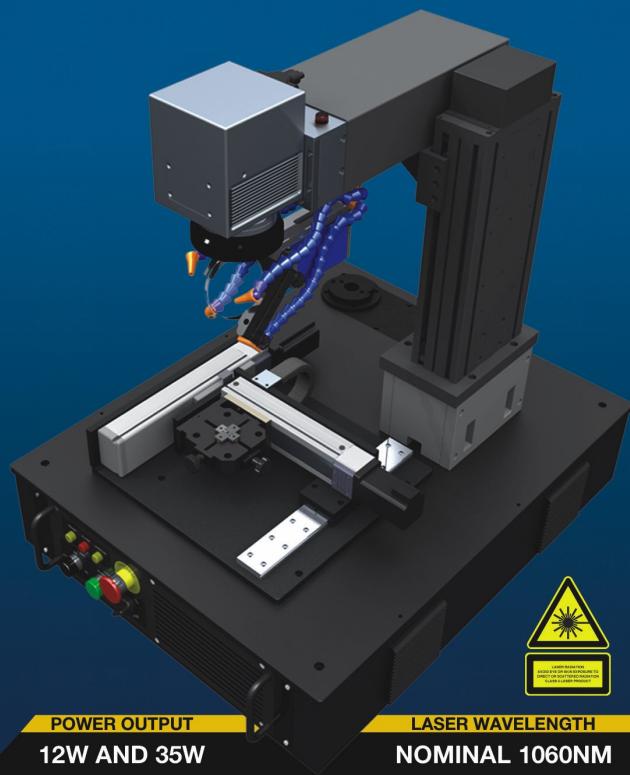
- ✓ **NEW** camera system with **fixed optic choices**
- ✓ **Optional low profile X-Y** stage table (150mmx150mm)
- ✓ Compact, rugged, and mobile design
- ✓ Space saving and eco-friendly
- ✓ Limited workspace and viewing window
- ✓ Standard **motorized Z axis** for accuracy
- ✓ **Essential** FA Cube Intuitive software with Decap abilities
- ✓ Expose lead frame and bond wires **without acid**
- ✓ Partially decap die as precursor to acid

## DIMENSIONS

L28.3" x W22.5" x H31"

## LASING AREA

L9" x W11.75" x H2"



FA CUBE

## APPLICATIONS:

die decapsulation

bond inspection

wire pull testing

## LASER WAVELENGTH

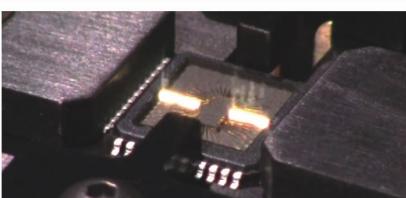
NOMINAL 1060NM

## POWER OUTPUT

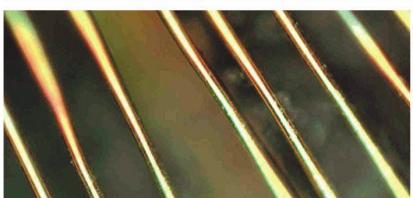
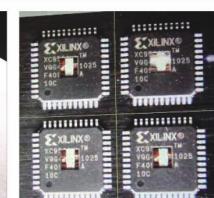
12W AND 35W



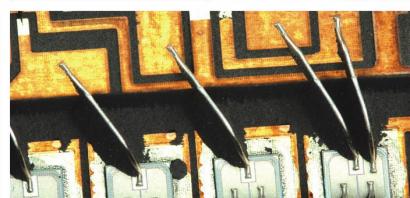
Component Inspection



Process In Seconds



Safe For  
Copper  
Gold  
Silver  
Aluminum bond  
wires  
and more...



Semiconductor  
Analysis

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FAILURE ANALYSIS SOFTWARE INCLUDED

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New FA Cube Failure Analysis Software packed inside!

- Standard Decapsulation Tools
- Control size + Shape of decap areas
- Basic Laser Parameter Adjustment Tools
- Control side wall angle + depth

### Optional Software Tools:

Gasket Module | Polygon Tools/Ortho Mode  
Reverse Mode | Text Mode | Image Import  
Template Creation | Recipe Manager

