BT imaging

INNOVATE. CONTROL. YIELD.

INTRODUCING THE CELL STAGE UPGRADE AND THE ADVANCED SOFTWARE UPGRADE PACKAGE

UPGRADES PACKAGES FOR THE LIS-R SERIES TOOLS LIS-R1, LIS-R2 AND LIS-R3

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THE ULTIMATE ADVANCED SOFTWARE UPGRADE PACKAGES FOR YOUR BT IMAGING LABORATORY TOOLS, PLUS

AN ADVANCED HIGH PRECISION CELL STAGE UPGRADE IS ALSO AVAILABLE WHICH ACCOMMODATES CELLS WITH UP TO 5 BUS-BARS

MEASUREMENT AND ANALYSIS PACKAGES FOR
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  - LIGHT & DARK IV AND SUNS-VOC
- ADVANCED SOLAR CELL ANALYSIS TECHNIQUES
  - UNRIVALLED & NEW ANALYSIS TECHNIQUES FOR CELLS
- SOLAR CELL FRONT AND BULK SEPARATION PACKAGE
- MULTI-CRYSTALLINE WAFER ANALYSIS
  - QUANTIFIES PL DEFECTS THAT IMPACT CELL EFFICIENCY
- MONO-CRYSTALLINE WAFER ANALYSIS
  - QUANTIFIES PL DEFECTS THAT IMPACT CELL EFFICIENCY
  - IDENTIFIES MICRO-CRACKS

WAFER TYPES
- STANDARD MULTI
- HP MULTI
- CZ MONO
- OTHERS

CELL TYPES
- STANDARD SCREEN PRINT
- REAR CONTACT
- HIT CELLS
- PERL CELLS

INTEGRATED ADVANCED SOFTWARE UPGRADE PACKAGES
- ALGORITHMS OPTIMIZED FOR EACH WAFER & CELL TYPE
- USER-ADJUSTABLE SETTINGS TO ALLOW FOR DIFFERENT USE CASES
- EASY TO USE GRAPHICAL USER INTERFACE
- EASY TO GENERATE HIGH-END TECHNICAL REPORTS

TYPICAL USE CASES
- QA & QC ON WAFERS, CELLS AND OTHER MATERIALS
- PV R&D
- WAFER AND CELL LINE PROCESS IMPROVEMENT
- WAFER AND CELL LINE PROCESS DEBUG
- RAPID COMMISSIONING OF UPGRADES AND NEW INSTALLATIONS