

ENGINEER TRAINING ULTRASONIC WIREBONDER

TARGET GROUP Fitters and process managers

TRAINING GOAL Setting up and adapting a new product on the bonder;
Optimization and problem solving in ongoing production

SUBJECT This module teaches advanced theoretical and practical skills that enable the user to understand the machine, create an automated bonding program, and handle bonding problems and process adjustments.

DURATION 2 Days

This is an advanced module and requires the basic training.
Of course it is possible to book the basic and engineer training in one package.

TRAINING AGENDA

Set up the machine

- Adjustment of the wire clamp and guidance

Deepening of machine components

- Bondhead
- Safety Features

Machine Calibration

- Sensor Calibration, Spool
- TD-Sensor
- Bond Weight
- Ultrasonic System

Advanced bonding knowledge, Theory and practice

- In Single Wire Mode Bonding Process, hypothesis
- Production Mode (Automatic)
- Creation of a Bonding program
- Programming the Wires
- Modify Bonding program
- Programming with GUI
- (Inhead Pulltester)

Parameter Optimization

- Bonding Parameters
- Loopforming-Parameters
- Tear-Parameters

Camera System and Image Recognition

- Automatic Bonding
- Training PRU detection points
- Parameter-Logging (Logfiles, Machine Data, UBPC Data)

Optionally:

Function of the transport system

M17 S



M17 D



M17 L



M17 XL

