

NY20 Machine Training

Highest Throughput for Fragile Devices

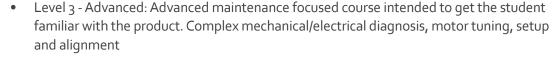


Course Description

This training material introduces the student to the NY20 test handler. The training is offered in three levels from the perspective of an Operator, a Maintenance Technician and an Advanced Technician:







Course Outline

- Introduction and Process Overview
- MM
- Machine Platform

- Machine Input and Output
- Machine Module
- Q&A, Test, Wrap Up

Course Length

- Level 1: Basic one day (eight hours)
- Level 2: Intermediate four days (thirty two hours)
- Level 3: Advanced seven days (fifty six hours)

Prerequisites

- Level 2: Level 1 training and a minimum of thirty days experience with the NY20 test handler
- Level 3: Level 2 training and a minimum of six months experience with the NY20 test handler

Recommended

English - written and spoken



Automotive



Mobility



IoT/IoV & Optoelectronics



Computing & Network



Industrial & Medical



Consumer

- 20-position Turret Test and Scan
- Autonomous operation and productivity
- Fast Conversion Time 20 to 60 mins
- Comprehensive Cohu NV core Inspection Solution
 - 3D Flex® for True Ball/Bump co-planarity
 - Full 6 Sides inspection



NY20 Machine Training

Level 1: Basic

Day 1

1 - Introduction and Process Overview

- Machine General Overview
- Device Flow and Process
- Module Description and Function

2 - MMI

- Menu Navigation
- Lot Management
- Alarms
- Production

3 - Machine Platform

- Machine Features
- Binning (Reject Bin/Duo/Quatro/Octo/Mega)
- Bar code Scanner

4 - Machine Input and Output

- Feeding/AGL/TNLR/UniFeeder/Detaping
- Input Loader Recovery
- N-Tube/AGUL/Multitube
- Ouput Loader Recovery
- Taping (AFTR)
- Tape Recovery
- Tape Sealing Check

5 - Machine Module

- FlipChip/Table 2P/4P/10P/20P
- XYT Recentering/Orientator
- Vision

6 - Q&A

Q&A, Test, Wrap Up

Level 2: Intermediate

Day 1 - 2

1 - Introduction and Process Overview

- Machine General Overview
- Device Flow and Process
- Electrical and Pneumatic Overview

2 - NTI.NET Software

- Software Structure
- Menu Navigation
- Sub Menu Navigation
- Debug Tools

Day 2 - 4

3 - Machine Platform

- Turret Overview
- Turret Setup

4 - Machine Module Layout

- Bowl Feeding
- 4P Table
- XYT Recentering
- Orientator Recentering
- Taping (AFTR)

5 - Q&A

Q&A, Test, Wrap Up

- 20-position Turret Test and Scan
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NY20 Machine Training

Level 3: Advanced

Day 1 - 2

1 - Introduction and Process Overview

- Machine General Overview
- Device Flow and Process
- Module Description and Function

2 - NTI.NET Software

Debug Tools

3 - Machine Platform

- Pneumatic and Electrical
- Turret Overview
- Multifunction Bin
- Ind-Z Force Control

Day 2 - 4

4 - Turret Setup

- Turret Replacement
- Yaskawa Upload and Download
- Yaskawa Motor Tuning
- Turret Set Up
- Preventive Maintenance

Day 5-7

5 - Machine Module Layout

- Bowl Feeder/TNLR/AGL/Unifeeder
- 4P/12P/16P Table
- XYT Recentering/Rotary
- Taping (AFTR)
- Auto Reel Changer (ARC)
- Falcon Eye

6 - Q&A

Q&A, Test, Wrap Up

Who Should Attend

- Level 1 : Operator
- Level 2: Maintenance Technician
- Level 3: Advanced Technician

Training Locations

- Level 1 Basic: on-site customer class
- Level 2 Intermediate: on-site customer class or Cohu training facility
- Level 3 Advanced: on-site customer class or Cohu training facility

Customized classes and on-site customer classes are available to suit your training needs.

More Information/Registration

• Contact training@cohu.com

Training Course Catalog

 Visit our handler training catalog to view our other training offerings <u>www.cohu.com/handler-training</u>