

UNMATCHED QUALITY ASSURANCE TRAINING

Amatrol's Quality Assurance eLearning catalog features modules that cover valuable quality assurance skills conveniently organized into the courses below. Altogether, Amatrol's Quality Assurance eLearning library offers comprehensive training and learning you can't find anywhere else.

BASIC MEASUREMENT TOOLS	Hardware	eLearning	
Portable Measurement Tools Learning System (990-MES1)	✓	✓	Basic Measurement, Tape Measurement, Measurement Conversion, Precision Measurement Tools, Dial Caliper, Digital Caliper, Micrometers, Dimensional Gauging, Indicator Measurement, Data Collection
Measurement Tools 1 Learning System (950-MES1)	✓	✓	Basic Measurement, Precision Measurement Tools, Dimensional Gauging, Introduction to SPC, Control Chart Operation & Analysis, Geometric Dimensioning and Tolerancing, Form, Location, & Orientation Tolerances
EXPANSION OPTIONS			
Measurement Tools 1 Learning System (96-MES1)	✓	✓	SI and US Customary Measurement, Tape Measure, Measurement Conversion, Precision Measurement Tools, Dial Caliper, Digital Caliper, English and Metric Micrometer, Dimensional Gauging, Indicator Measurement, Data Collection
Measurement Tools 2 Learning System (96-MES2)		✓	Control Chart Analysis, Control Chart Basics, X-Bar and R-Chart Operation, Histogram Development and Analysis, Basic Statistical Concepts, SPC Software Operation and Application
Measurement Tools 3 Learning System (96-MES3)	✓	✓	Geometric Dimensioning and Tolerancing, Assembly Tolerances, Feature Control Frames, Location Tolerances, Calculating Position Tolerances, Measuring Hole Locations, Orientation Tolerances, Full Indicator Movement Measurement, Form Tolerances
PRECISION GAUGING			
Portable Precision Gauging Learning System (990-PG1)	✓	✓	SI Measurement, US Customary Measurement, Measurement Conversion, Dial Caliper, Digital Caliper, US Customary Micrometer, SI Metric Micrometer, Gauging, Tolerance, Indicator Measurement, Go/No-Go Gauging Types, Indicator-Type Gauging Tools
EXPANSION OPTIONS			
Snap Gauge (99-PG2)	✓	✓	Function, Components, Calibration, Operation, Custom Shaft Measurement, Tolerances, Positive and Negative Variation
QUALITY ASSURANCE			
Quality Assurance 1 Learning System (94-QC1)	✓	✓	Basic Measurement, Precision Measurement Tools, Dimensional Gauging, Introduction to SPC, Control Chart Operation & Analysis, SPC Problem Solving, Geometric Dimensioning, Form, Location, and Orientation Tolerances
METROLOGY			
Metrology Learning System (910-QC3)	✓	✓	Basic Measurement, Measurement Conversion, Precision Measurement Tools, Dimensional Gauging, Indicator Measurement, Geometric Dimensioning & Tolerancing, Feature Control Frames, Coordinate Measuring Machines, Location & Orientation Tolerances, Parallelism Tolerances, Form Tolerances, Circularity Tolerances



AMATROL®

QUALITY ASSURANCE

FUNDAMENTALS - MEASUREMENTS - TOLERANCING

2400 Centennial Blvd.
 Jeffersonville, Indiana 47130 U.S.A.
 Phone: 812.288.8285 • Fax: 812.283.1584
 Toll Free in USA & Canada: 800.264.8285
 Email: contact@amatrol.com • www.amatrol.com



PRINTED IN U.S.A. • COPYRIGHT ©2019 • FORM 6729-A

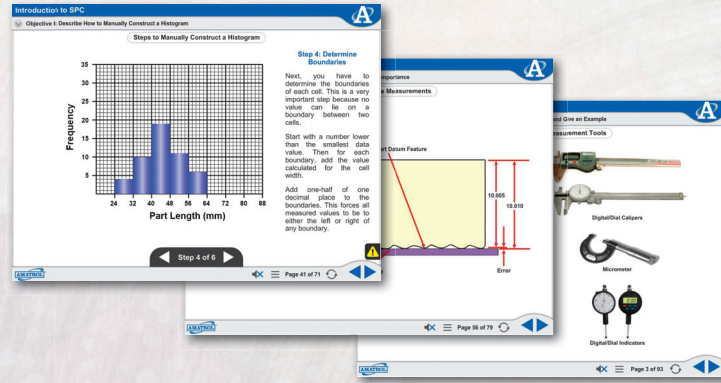
PROVEN QUALITY ASSURANCE TRAINING BUILDS INDUSTRY-APPLICABLE SKILLS



Quality Assurance 1 Learning System (94-QC1)

Precision Measurement Tools and Concepts

- Basic Measurement
- Dimensional Gauging
- Introduction to SPC
- Control Chart Operation & Analysis
- SPC Problem Solving
- GD&T
- Location, Orientation, & Form Tolerances



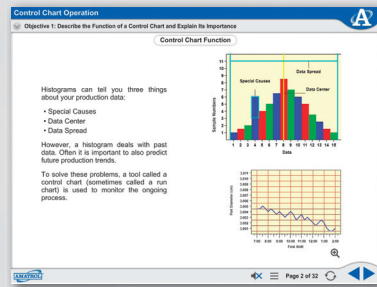
Interactive Multimedia Curriculum

Cover Basic Measurement Tools and Essential Skills

- Basic Measurement
- Tape Measurement
- Precision Measurement Tools
- Dial & Digital Caliper
- Micrometers
- Data Collection

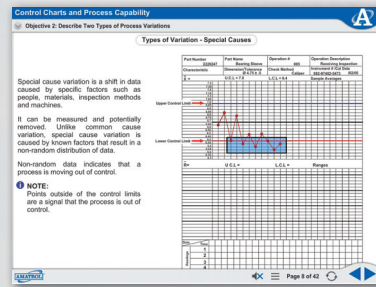


Portable Measurement Tools Learning System (990-MES1)



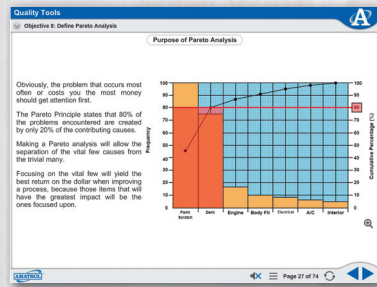
Statistical Process Control 1 (QS202)

- Sources of Variation
- Histograms
- Control Charts
- X-Bar & R Charts



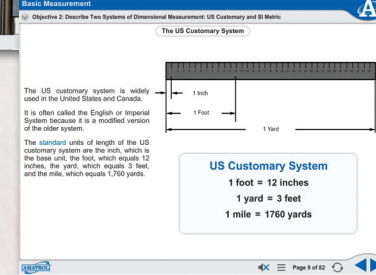
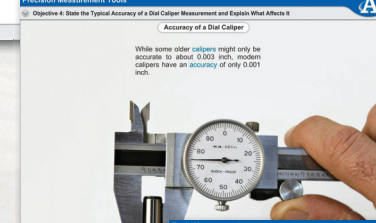
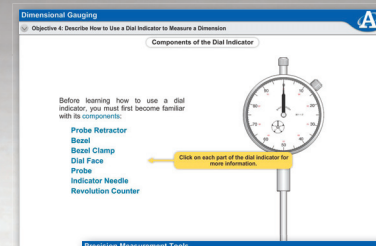
Statistical Process Control 2 (QS304)

- Statistical Control Limits
- Assignable & System Causes
- Calculate Capability Index
- Interpret Process Cpk



Quality Tools (QS305)

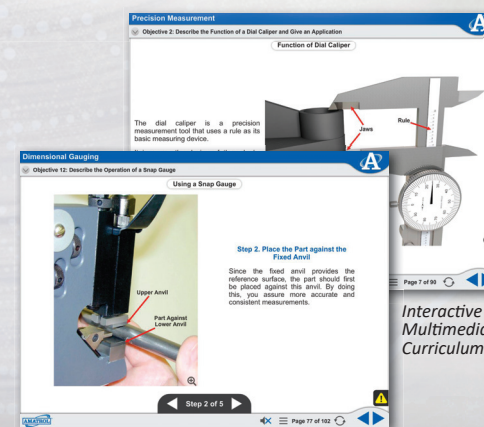
- Cause & Effect Diagrams
- Brainstorming Process
- Pareto Diagrams
- Six Sigma



Interactive Multimedia Curriculum

Precision Measurement and Gauging Tools and Concepts

- Basic Measurement
- Dial and Digital Caliper
- US and SI Metric Micrometers
- Introduction to Gauging
- Indicator Measurement
- Go/No-Go Gauging Tools
- Indicator-Type Gauging Tools



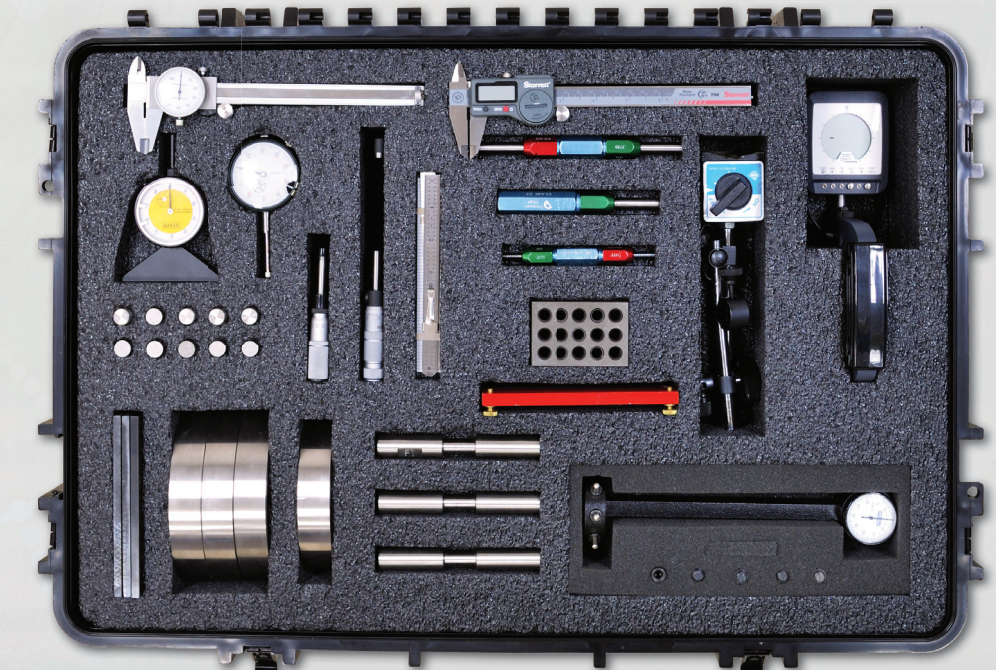
Interactive Multimedia Curriculum

Teach Control Chart and Statistical Concepts

- Introduce Learners to Control Chart Basics and Analysis, Including X-Bar and R-Chart Operation
- Educate on Histogram Development and Analysis
- Advance to Basic Statistical Concepts, Including Statistical Process Control (SPC) Software Operation and Application



Measurement Tools 2 Learning System (96-ME2)



Portable Precision Gauging Learning System (990-PG1)