CaptivATE©

USES:

- **Automated Production Testing**
- **Automated Assembly Line**
- **Quality Assurance Testing & Statistical Process Control**
- **Research or Laboratory Analysis**
- **Historical Database Archiving**

FEATURES:

- **Self Executable Install**
- **Local or Shared Remote Database Capability**
- **3 Levels of Program Accessibility - Password Verification**
- **Intuitive Interface: Virtual Front Panel and Windows**
- **Virtually Unlimited Number of Tests - Up to 990 Steps Each**
- **Local or Remote Printing Capability**
- **Test Device Setup with Serial Number Logging**
- **Automatically Load Tests at Beginning of Each Test**
- **Automatically Verify Test Program at Beginning of Each Test**
- **Historical Database Search Capability**
- **Archived Test Report Search**
- **Separate Options for Saving and Printing Pass vs. Fail Reports**
- **Customizable Print Reports**
- **Summary 2" Print Reports**
- **Quick Test: Verify Single Test Step Without Running Complete Test**
- **Fast Install & Easy Setup**
- **AC Source Control**

Automation Software

Fully Automated Electrical Safety Testing

Introduction

CaptivATE© is a Windows-based software package for automating the process of electrical safety testing when using QuadTech's Guardian 6000 Series of Safety Analyzers. CaptivATE provides an **industry first "Off-The-Shelf Solution"** for accurately controlling the line voltage to your product while performing Hipot, Leakage Current and Functional tests. Testing is made simple and fast by automatically downloading the test setup, conducting the required measurements and outputting the test results.

Description

Testing Capability: Using the CaptivATE software and a QuadTech 6000 Series Analyzer, possible test functions include AC or DC Hipot, insulation resistance, ground bond, earth leakage, patient leakage, patient auxiliary leakage or enclosure current leakage, as well as a functional run test.

Automatic Loading Test Setup: The test setup can be loaded and verified by using a bar code scanner to identify both the product model and serial number(s). This reduces the possibility of an operator selecting the incorrect test for the product.

Increased Productivity: All the electrical safety and functional testing can be combined into one test system, thus eliminating the need for multi setups and test stations. The intuitive graphical user interface is easy and efficient for the test operator to use.

Control of AC Source: CaptivATE, along with an optional AC Source, can automatically and accurately control the line voltage and frequency to the product under test. This simplifies the task of manually adjusting the supply voltage for the required plus and minus 10% of nominal voltage testing.

Plant-Wide Implementation: Multiple installations of CaptivATE (plant-wide or globally) can share the same database, providing a central data location that is updated in real-time. Only one license is required for multiple locations.

Paperless Testing: Saves and prints all measurement results as well as product model number, serial number, time and date, test operator, test instrument used and test name. Prints and electronically stores product test certificates. CaptivATE gives Medical Device Manufacturers the capability to meet the FDA's 21 CFR Part 11: Electronic Records, Electronic Signatures requirements.

Password Protection: CaptivATE provides three levels of accessibility (operator, engineer and administrator), allowing appropriately trained personnel to perform specific functions within the testing process.

For more detailed specifications, visit
www.quadtech.com

Or call
1-800-253-1230
Fax 1-978-461-4295
Intl. 1-978-461-2100

CaptivATE

Operating System(s):
Microsoft Windows 98, 2000, XP

Minimum Software Requirements:
Microsoft Word 98 or greater
Microsoft Excel 98 or greater

Minimum Hardware Requirements:
PC with Pentium II Processor
64MB RAM
10MB Hard Disk Space
(Includes hard disk space required for program files only, Additional hard disk space required for database)
RS232 COM Port 9600 baud or 19200 baud
Microsoft compatible keyboard
Mouse or other Windows compatible pointing device
VGA Monitor capable of 800x600 Resolution or higher
RS232 Communication Cable with 25-pin D-sub (male) at Guardian 6000, 6100 or 6200 and required termination for customer supplied PC RS232 Communication Port.

Optional Requirements:
Programmable Barcode Scanner,
Microsoft Windows compatible network
Windows compatible printer capable of 8.5"x11" or 2"x3" media
Microsoft Access 98 or greater

Optional Equipment:
AC Power Source Control Software Upgrade
Barcode Scanner

Instruments Supported:
Guardian 6000
Firmware 8/18/2000 (or later)
RS232 installed (G26)
Scanners:(3 Total)
 1 Internal Scanner: 6000-01, -02 or -03
 plus any combination of:
 2 External Scanners: 5000-01, -02, -03 or -04
 OR any combination of:
 3 External Scanners: 5000-01, -02, -03 or -04
Guardian 6100
Firmware 8/18/2000 (or later)
RS232 installed (G26)
Scanners:(3 Total)
 1 Internal Scanner: 6000-05,
 plus any combination of:
 2 External Scanners: 5000-01, -02, -03 or -04
Guardian 6200
Firmware 8/18/2000 (or later)
RS232 installed (G26)
Scanners:(3Total)
 1 Internal Scanner: 6000-04,
 plus any combination of:
 2 External Scanners: 5000-01, -02, -03 or -04

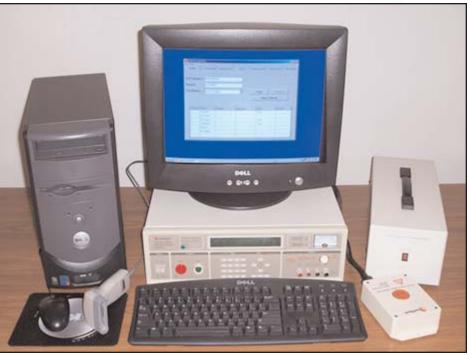# Ordering Information

CaptivATE Automation Software
Includes:
150755   Software CD
150756   Instruction Manual
Optional Accessories:
CAPTIVATE AC UPG
AC Source Upgrade CD
G42   Barcode Scanner

For more detailed specifications, visit www.quadtech.com • For more information about special purchase, rent & lease options, call
1-800-253-1230 • Fax 1-978-461-4295 • Intl. 1-978-461-2100
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