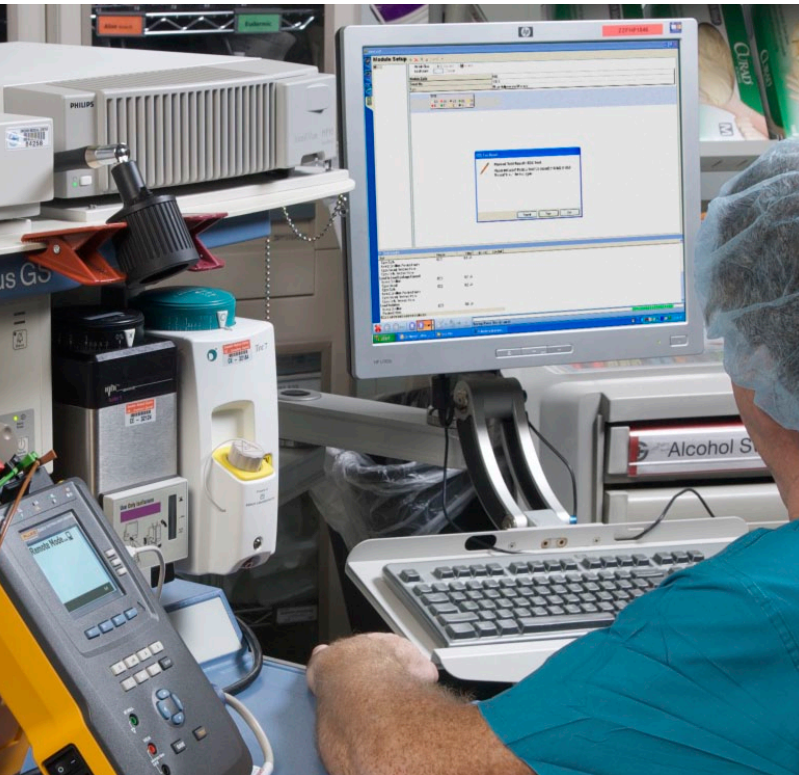


Ansur

Test Automation Software

Technical Data



Ansur Test Automation Software is the premier digital solution for hospital quality-assurance (QA) professionals to maximize productivity, increase profitability, mitigate risk and manage regulatory compliance. This productivity platform standardizes work and reduces test time to both increase operational efficiency and reduce human error in QA regulatory and preventative-maintenance testing.

Ansur offers the ability to test multiple devices simultaneously and automatically assesses pass/fail results against test limits for compliance to safety standards and hospital-specific QA protocol. Test results are captured electronically and stored digitally in version-controlled records in CMMS or alternative databases of choice. Digital data can then be used for trend analysis to predict service needs, minimize equipment downtime, and provide justification for unique PM schedules to meet the requirements of worldwide regulatory groups like the Joint Commission on Accreditation of Healthcare Organizations (JACHO).

Key features

- Provides standardized, speedy and documented preventative maintenance on medical equipment
- Electronically stores test protocol to eliminate dependence on service manuals
- Ensures test procedures and time are uniform and thus predictable with both ready-to-use and customized test templates
- Automatically completes documents per requirements to ensure regulatory compliance
- Guides users through stepwise testing process to minimize dependence on training
- Enables the use of personalized pictures, illustrations and graphs to facilitate proper testing with ease
- Reduces test time per medical device, tests multiple devices simultaneously, and performs multiple PM tests in a single procedure
- Automatically assesses pass/fail against specified test limits
- Stores complete version-controlled test record and data electronically to CMMS or other software databases of choice in standard XLM format
- Offers easy data traceability with electronic archival and printing of detailed records
- Data extraction offers trending and analysis reporting capability

Specifications

PC requirements	64 MB RAM
	50 MB unused hard drive space for software
	IBM® PC/XT compatible Pentium266 MHz or faster processor
	Hard drive space for result and template files
	32-bit Microsoft Windows® operating system (2000/XP/Vista)
	RS-232 ports or USB-RS-232 adapter
Other requirements	License key for each Fluke Biomedical or Metron simulator/analyzer plug-in
	One or more Ansur-compatible Fluke Biomedical or Metron simulators/analyzers

Return on investment example: U.S. hospital electrical safety testing

Medical facility	
We ask you	
How many devices do you perform maintenance on annually?	14000
How many of these devices do you perform electrical safety tests on?	1000
How many of these devices are tested once per year for electrical safety?	900
How many of these devices are tested twice per year for electrical safety?	95
How many of these devices are tested more than twice per year for electrical safety?	5
How many times approximately are these devices tested per year?	3
How many devices per year do you test for electrical safety upon incoming inspection?	200
Electronic testing	
The average time for one electrical safety test, when done manually (push button based) is (minutes)	5
The average time for one electrical safety test when performed with Ansur Test Automation (template based) (30 % savings assumed) (minutes)	3.50
Documentation	
Do you document the test results on pen/paper?	No
If so, how much time does it take to document test results for each electrical safety test (minutes)	5
Do you type or scan the test results directly on a computer/pda?	Yes
If so, how much time does it take to type/scan and document test results for each electrical safety test (minutes)	—
Do you electronically transfer data from test instruments to your database or computer?	No
Time it takes to document one electrical safety test using Ansur (minutes)	1
Ansur time savings associated with each electronic test result generating or transfer	4
Annual time savings (minutes)	
Total documentation time savings	5220
Total electronic test time savings	1957.5
Total annual time savings	7177.5
Annual monetary savings (U.S. dollar)	
What is your hourly billable rate (this would be the per hour rate that you would charge the hospital or clients for you biomedical services—we suggest a rate of approximately \$85/hour based on industry average—this rate includes salary, benefits and overhead expenses)	\$85
Documentation savings	\$7,395
Electronic test savings	\$2,773
Total annual electrical safety PM monetary savings	\$10,168

“We used Ansur to create test sequences that match service manual procedures so every inspection is done the same way every time. We improved quality and uniformity by creating standard work.”

- Robert Dorrian, TBS U.K. Telematic & Biomedical Services Ltd. Hope Hospital



Ordering information

Item numbers/Descriptions

2462982 Ansur Test Executive

Plug-Ins available

Purchase the modules you need, and then add modules as you acquire new Fluke Biomedical analyzers and simulators.

2755836 BP Pump 2

2556755 ESA601

3454829 ESA612

3116463 ESA620

2817641 Impulse 4000

3091370 Impulse 6000D/7000DP

2461775 QA-40M/45

2463016 QA-90

2462644 QA-1290

2461802 QA-ES

2461979 QA-IDS/lagu

2463002 QA-ST

2462024 QA-VTM

2817226 QED 6

3337356 TNT 12000

Test automation bundles available

Purchase modules along with the Fluke Biomedical instrument of choice.

3319736 QA-ES US 115 V with Test Automation

3319749 QA-ES SHK 230 V with Test Automation

3319751 QA-ES UK 230 V with Test Automation

3319760 QA-ES AUS 230 V with Test Automation

3319772 QA-ES JPN 100 V with Test Automation

3326874 Impulse 7000DP US with Test Automation

3326888 Impulse 7000DP SHK with Test Automation

3326895 Impulse 7000DP UK with Test Automation

3326901 Impulse 7000DP JPN with Test Automation

3326912 Impulse 7000DP AUS with Test Automation

3326920 Impulse 7000DP IN with Test Automation

3481039 Impulse 7000DP US 120 V with Impulse 7010 and Test Automation

3481042 Impulse 7000DP SHK 230 V with Impulse 7010 and Test Automation

3481056 Impulse 7000DP UK 230 V with Impulse 7010 and Test Automation

3481074 Impulse 7000DP JPN 230 V with Impulse 7010 and Test Automation

3481088 Impulse 7000DP AUS 230 V with Impulse 7010 and Test Automation

3326935 ESA620 US 115 V 20A with Test Automation

3326947 ESA620 EUR 230 V with Test Automation

3326958 ESA620 FR 230 V with Test Automation

3326964 ESA620 ISR 230 V with Test Automation

3326986 ESA620 AUS 230 V with Test Automation

3326999 ESA620 SWI 230 V with Test Automation

3327002 ESA620 UK 230 V with Test Automation

3527023 ESA620 THAI 230 V with Test Automation

3327025 Lagu 2 Channel with Test Automation

3334732 ESA601 AUS 230 V with Test Automation

3334744 ESA601 DEU 230 V with Test Automation

3334759 ESA601 FRA 230 V with Test Automation

Ordering information cont.

3334767 ESA601 ITA 230 V with Test Automation
3334771 ESA601 ISR 230 V with Test Automation
3334780 ESA601 SHK 230 V with Test Automation
3334798 ESA601 UK 230 V with Test Automation
3334800 ESA601 IEC 115 V with Test Automation
3334817 ESA601 AAMI 115 V with Test Automation
3334821 BP Pump 2L NIBP US 120 V with Test Automation
3334839 BP Pump 2l NIBP AUS 250 V with Test Automation
3334842 BP Pump 2L NIBP DEN 250 V with Test Automation
3334856 BP Pump 2L NIBP SHK 250 V with Test Automation
3334863 BP Pump 2L NIBP ISR 250 V with Test Automation
3334874 BP Pump 2L NIBP ITAL 250 V with Test Automation
3334888 BP Pump 2L NIBP IND 250 V with Test Automation
3334895 BP Pump 2L NIBP SWZ 250 V with Test Automation
3334901 BP Pump 2L NIBP UK 250 V with Test Automation
3334912 BP Pump 2M NIBP US 120 V with Test Automation
3334920 BP Pump 2M NIBP AUS 250 V with Test Automation
3334935 BP Pump 2M NIBP DEN 250 V with Test Automation
3334947 BP Pump 2M NIBP SHK 250 V with Test Automation
3334958 BP Pump 2M NIBP ISR 250 V with Test Automation
3334964 BP Pump 2M NIBP ITAL 250 V with Test Automation
3334973 BP Pump 2M NIBP IND 250 V with Test Automation
3334986 BP Pump 2M NIBP SWZ 250 V with Test Automation
3334999 BP Pump 2M NIBP UK 250 V with Test Automation
3335538 TNT 12000 with Test Automation
3340639 TNT 12000WD with Test Automation
3460932 ESA612 US 115 V with Test Automation
3531167 ESA612 NA 220 V with Test Automation
3460959 ESA612 EUR 230 V with Test Automation
3460944 ESA612 FR 230 V with Test Automation
3460967 ESA612 ISR 230 V with Test Automation
3460971 ESA612 AUS 230V with Test Automation
3460980 ESA612 UK 230 V with Test Automation
3460998 ESA612 SWI 230V with Test Automation
3461001 ESA612 THAI 230V with Test Automation
3462285 ESA612 JPN 230V with Test Automation

About Fluke Biomedical

Fluke Biomedical is the world's leading manufacturer of quality biomedical test and simulation products. In addition, Fluke Biomedical provides the latest medical imaging and oncology quality-assurance solutions for regulatory compliance. Highly credentialed and equipped with a NVLAP Lab Code 200566-6 accredited laboratory, Fluke Biomedical also offers the best in quality and customer service for all your equipment calibration needs.

Today, biomedical personnel must meet the increasing regulatory pressures, higher quality standards, and rapid technological growth, while performing their work faster and more efficiently than ever. Fluke Biomedical provides a diverse range of software and hardware tools to meet today's challenges.

Fluke Biomedical Regulatory Commitment

As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 certified and our products are:

- CE Certified, where required
- NIST Traceable and Calibrated
- UL, CSA, ETL Certified, where required
- NRC Compliant, where required

Fluke Biomedical.

Better products. More choices. One company.

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