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Fluke 87 iii true rms multimeter ser

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Fluke-87V Multimeter has True-RMS accuracy and advanced functionality to deliver the necessary results True-RMS accuracy with manual and automatic range, display retention, automatic retention and min./max.-medium-registerEffectively resolve problems with transmitters, automation of manufacturing units, energy distribution and electromechanical equipment even in places with noise levels, energy, and high low pass filter height supports accurate frequency measurement in variable frequency transmission (VFD) and intermittent capture softener up to 250 µSLifetime warranty, with reliable brand supportAl Fluke-i400 calipers currently converting 87V in caliper ammeter pliers currently offering accurate current measurement up to 4 00 A CA without interfering with electrical circuitsImpropose you to take measurements with industry standard safety ratingsSelect accessories such as temperature probes, test cables and crocodile calipers 80BK-A DMM temperature probes connect to 87V voltage plugs and allow temperature measurements from -40°C to 260°C (-40°F to 500°F) TL75 test cables and AC175 crocodile calipers complete this versatile kit. Basic safety featuresSafety meter with CAT III 1000V, CAT IV 600V security rating to ensure your safety during serviceDesign to withstand peaks of more than 8,000 V. Incoming sound alerts alert you when there is misuse of input plugs. SpecificationsVoltage CCMaximum voltage1,000 VAccuracy± (0.05% + 1)Maximum resolution10 µVVoltage maximum voltage1,000 VAccuracy± (0.7% + 2) True-RMSBANDWIDTH CA20 kHz with low pass filter; 3 dB to 1 maximum0.1 mVCurrent CCAmpères maximum10 A (20 A to maximum 30 s)Amp± accuracy(0.2% + 2)Maximum resolution0.01 µCurrent CAAmpères maximum10 A (20 A to maximum 3 0 s)Amp± accuracy (1.0% + 2) True-RMSMaximum resolution0.1 µResistanceMaximum resistance50 MΩAccuracy± (0.2% + 1)Maximum resolution0.1 ΩMaximum capacity capacity capacity9,999 µFaccuracy±(0.2% + 1)Maximum resolution0.1 ΩMax maximum attention capacity9,999 µFaccuracy±(1% + 2)Maximum resolution0.01 nFFrequency maximum200 kHzAccuracy± (0.005% + 1)Maximum resolution0.01 HzAcimum working cycle Optimal working cycle99.9%Accuracy±0,0 2% per kHz + 0.1%)Maximum resolution0.1%Temperature measurement–200 °C – 1090 °C–328 °F – 1994 °Fexcluding probeTemperature probe 80 BK–40 °C – 260 °C–40 °F – 500 °F; 2,2 °C atau 2% (whichois terbesar)Konduksi maksimum Maksimum Conductance60.00 nSAccuracy± (1,0% + 10)Resolusi maksimum0 ,01 nSDiodeRange3 VResolution1 mVAccuracy± (2% + 1)Rentang siklus tugasAccuracyWithin ± (0,2% per kHz + 0,1%)Spesifikasi lingkunganOperasi suhu-20 °C hingga 55 °CStorage suhu -40 °C hingga + 60 °CHumidity (tanpa konden tion)0% hingga 90% (0 °C hingga 35 °C)0% hingga 70% (35 °C hingga 55 °C)Operating altitude2,000 mSafety specificationsSafety categoryOvervoltage categoryEN 61010–1 to 1000 V CAT III, 600V CAT IVApprovalsCE, 600V CAT IVApprovalsCE, CSA, Spesifikasi RCMMechanical dan umumSize201 x 98 x 52 mm (dengan case)Weight355 g624 g dengan caseVisorDigital6000 menghitung; pembaruan 4 kali per detik19.999 dihitung dalam mode resolusi tinggiAnalog32 segmen, memperbarui 40/detikFrequency19,999 hitungan, pembaruan 3/detik ke > 10 HzGuaranteelifeBattery lifeAlkalineTypical durasi sekitar 400 jam tanpa menggunakan backlightShock1 meter jatuh , Compliance with IEC Vibration Compliance 61010-1:2001 with standards· MIL-PRF-28800 for Instrument Class 2Specifications Current range400 ADirect current range1 A - 400 AMaximum non-destructive current1000 ALower current to be measured1 Basic accuracy2% + 0.06 A(45-400 Hz)(% read + floorspec)Usable frequency5 Hz - 20 kHzOutput level1 mA/ASafety specificationSafetyCAT IV 600 V, CAT III, 1000 VMaximum voltage1,000 VCA RMS from the ground, in accordance with EN61010Mechanical and general specificationsWarranty1 yearMaximum conductor diameter32 mm (1.25 in) Maximum conductor size (bus bar)750 MCMOutput cable length1.5 m (59 in) Protected Banana PlugsYes Industrial Multimeter Service Kit Fluke 87V IMSKBuy Includes:Industrial Multimeter Fluke 87V CA Chain clamp Fluke i400 400 ATemperature Probe 80BK-A DMMSet hard test cable TL75Set calipers ac175 threaded alligator Supported drops up to 4 meters (13 feet) with case and resistance coating IP67 is waterproof and dust proof, for the most extreme workplaceSpecial test cable TL175 TwistGuard™Double battery life 87V (up to 800 hours); The illuminated lock for the 87V MAX dark environment contains all the reliable features of today's most popular DMM (Fluke 87V) and more. Supports falls up to 4 meters (13 feet)Fluke's heaviest digital multimeter. 87V MAX is manufactured with industrial durability cases and removable cases. The case also works to store probes and perform operations with one hand. IP67 Rating Is highly water resistant and dust proof, to work safely wherever you need. Supports heat and cold Meter has an extended operating temperature range from -40°C (up to 20 minutes) to +55°C.Other product highlightsTrue-RMS ac current and voltage for accurate measurement on non-signal LinearsMeasuring up to 1000 V CA and CCMeasuring up to 10 A (20 A for 30 seconds)Frequencies up to 200 kHz Integrated thermometers enable integrated, convenient, that you perform temperature readings without having to load another instrumentMin./max recording,/average, more peaks min./max. 250 µs to automatically capture variationsSingle function to get precise voltage and frequency measurements on variable frequency motor triggers and other equipment of high electric noise digitLarge on the screen, 2 levels of backlight and bright white keyboard with lighting to increase visibility19999 display mode count in high resolution Extended battery life duration (800 hours)Comparison - 87V MAX and 87V 87V MAX87 VS IPIP specifications 67IP 30Battery life800 hours400 hoursFall test4 meters3 metersLightingkeyboardYesNo TwistGuard test cables™YesNo True-RMS readings CacaBasic accuracy in CC0.05%0.05%Voltage CA/CC1.000 V1000 VCurrent AC/CC10 A10 AResistance50 MΩ50 MΩEN61010-1 CAT III1,000 V1,000 VEN61010-1 CAT IV6 00 V600 VWarranty (years)Limited lifeLimited lifeLimited rangeDcvoltage .1 mV to 1000 VAccuracy± (0.05% + 1)Maximum resolution0.1 mVVoltage CARange0 .1 mV to 1000 VAccuracy± (0.7% + 4) True-RMSCA20 kHz bandwidth with low pass filter; Resolution 3 dB to 1 kHzMaximum0.1 mVCurrent CCRange0.1 µA to 10 A(20 A for a maximum of 30 seconds)Ampliquiten accuracy± (0.2% + 2)Maximum resolution0.1 µACurrent CARange0.1 µA to 10 A(20 A, maximum, maximum, maximum, maximum, 30 seconds)Amp accuracy±(1.0% + 2) True-RMSMaximum Resolution0.1 µAResistanceRange0.1 Ω to 50 MΩAccuracy±(0.2% + 1)Maximum resolution0.1 ΩCapacityRange0.101 µF to 9999 µFAccuracy± (1% + 2) Maximum resolution0.01 nFFrequencyRange0.5 Hz to 199.99 kHzAccuracy± (0.005% + maximum0.01 HzWorking cycleMaximum working cycle99.9%Accuracy± (0.2% per kHz + 0.1%)Maximum resolution0.1%Temperature measurement range -200.0 °C to 1,090°C-328.0°F at 1,994.0°Fexcluding probeTemperature probe 80 BK-40.0°C to 260°C, ± 2.2 °C or 2%, whichin whichis greater -40.0 °F to 500 °F, ± 4.0 °F or 2%, whichin the largestConductanceMaximum conductance60,00 nSAccuracy±(1.0% + 10)Maximum resolution0.01 nSDiode testRange2 VResolution0,001VAccuracy±(1% + 1)Storage of diagnostics and dataPeak min./max.250 µsMin./max./max./max