

7.5

TECHNICAL SPECIFICATION FOR METES 325

CALIBRATOR, PROCESS: TYPE: 3 PHASE MEASUREMENT SYSTEM; RANGE: 45-65 HZ; POWER SOURCE: 220 V; METER 325 THREE PHASE MEASUREMENT TEST SYSTEM, A FIELD INSTRUMENT SPECIFICALLY INTENDED TO COVER ALL ASPECTS OF MODERN THREE-PHASE METER TESTING, IT ALSO INCLUDES CURRENT TRANSFORMER BURDEN AND RATIO MEASUREMENTS, VOLTAGE TRANSFORMER BURDEN AND VOLT DROP MEASUREMENTS, HARMONIC AND SCOPE FUNCTIONS FOR WAVE ANALYSIS FUNCTIONS INSTANTANEOUS MEASUREMENTS THE UNIT MEASURES THE FOLLOWING INSTANTANEOUS QUANTITIES: VOLTAGES AND CURRENTS, INCLUDING INDIVIDUAL PHASE ANGLES, WATT, VAR, VA AND POWER FACTOR FOR EACH PHASE AND THREE-PHASE HARMONICS, BAR AND TABLE DISPLAYS OF VOLTAGE AND CURRENT HARMONICS UP TO THE 32ND + DC, TOTAL HARMONIC DISTORTION OF VOLTAGE AND CURRENT PER PHASE ENERGY METER TESTING THE UNIT CAN SIMULTANEOUSLY TEST TWO ENERGY INPUT SIGNALS, I.E. IT CAN TEST A WH AND VARH SIGNAL OF THE SAME METER AT THE SAME TIME, DATA STORAGE CAN BE CONFIGURED BY THE USER TO CAPTURE ADDITIONAL INFORMATION OTHER THAN ENGINEERING TEST RESULT DATA, MEASUREMENT TRANSFORMER TESTS THE UNIT CAN MEASURE THE FOLLOWING TRANSFORMER DATA: CURRENT TRANSFORMER RATIO, CURRENT TRANSFORMER BURDEN, VOLTAGE TRANSFORMER BURDEN, VOLTAGE TRANSFORMER VOLT DROP SCOPE DISPLAY OF VOLTAGE AND CURRENT SIGNALS PER PHASE, GEO DATA INTERNAL



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