User's Manual

Notice of Alterations

WT3000 Precision Power Analyzer

Please make the following alterations to the User's Manual IM 760301-01E

■ Page 5-7 Revisions and Additions to "Note"

Note

- [-------] (no data) is displayed in places where the measurement function is not selected or where no numeric data is present.
- If Urms, Umn, Udc, Urmn, Irms, Imn, Idc, or Irmn exceeds 140% of the measurement range, overrange [-OL-] is displayed.
- P shows overrange [-OL-] if the measured values of either the voltage or current exceeds 140% of the measurement range.
- If the measured or computed result cannot be displayed using the specified decimal position or unit, overflow [-OF-] is displayed.
- If Urms or Irms is less than or equal to 0.3% (when the crest factor is set to 3, less than or equal to 0.6% if the crest factor is set to 6) or Umn, Urmn, Imn, or Irmn is less than or equal to 1% of the measurement range (when the crest factor is set to 3, less than or equal to 2% if the crest factor is set to 6), Urms, Umn, Urmn, Irms, Imn, Irmn, and the measurement functions that are determined using these measurement functions display zeroes. λ or φ displays an error.
- The value of U+pk and I+pk when there are no positive measured values, and the value of U-pk and I-pk when there are no negative measured values are as follows.
  - Products of Firmware Version 4.04 or Later
    The maximum value measured is displayed for U+pk and I+pk, and the minimum value measured is displayed for U-pk and I-pk.
  - Products of Firmware Versions Prior to 4.04
    Zero is displayed for U+pk, I+pk, U-pk and I-pk.
- If the measured value of frequency is outside the measurement range, fU or fI displays an error.
- If the power factor λ is greater than 1 and less than or equal to 2, λ becomes [1]. ϕ displays zero.
- If the power factor λ is greater than 2, λ and ϕ display errors.
- If the voltage or current mode is not RMS, CfU or CfI displays no numeric data [-------].

■ Page 12-6 Revisions of "Minimum display"

Minimum display	Down to 0.3% of the measurement range for Urms and Irms (0.6% if the crest factor is set to 6). Down to 1% of the measurement range for Umn, Urmn, Imn, and Irmn (2% if the crest factor is set to 6). Values less than or equal to these figures are fixed to zero (suppressed to zero). The integrated current q is dependent on the current value.