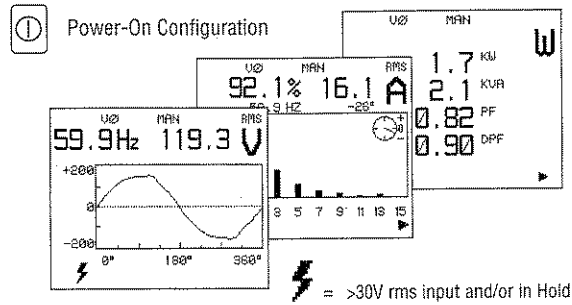


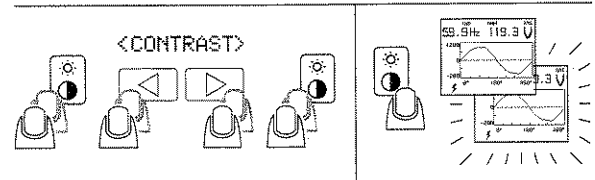
Quick Reference Guide

Model 40 Power Harmonics Meter

Model 41 Power Harmonics Analyzer



= Tap key briefly = Press key for about 1 second



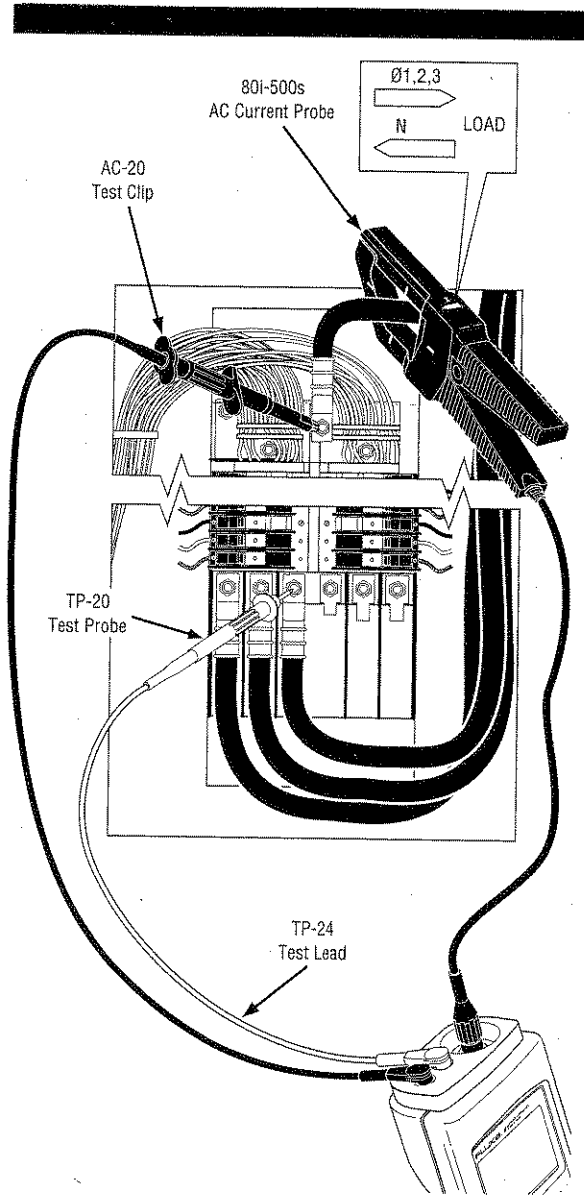
⚠ **WARNING** ⚠

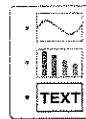
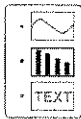
TO AVOID ELECTRIC SHOCK, USE ONLY THE TEST LEADS SUPPLIED WITH THE TESTER. USE 600V RATED PROBE TIP ADAPTERS. ("600V" IS PRINTED ON EQUIPMENT SO RATED.) REMOVE ALL TEST LEADS THAT ARE NOT IN USE.

USE ONLY THE 80i-500s AC CURRENT PROBE OR A SAFETY-DESIGNED EQUIVALENT (SUCH AS THE FLUKE MODEL 80i-1000s) THAT IS RATED FOR 600V ON BOTH THE JAWS AND THE MEASURING SECONDARY. REMOVE ANY CURRENT PROBE THAT IS NOT IN USE.

USE OF THE TESTER IN A MANNER NOT SPECIFIED MAY IMPAIR SAFETY.

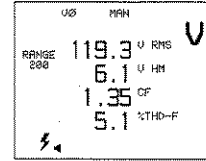
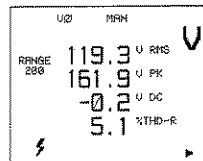
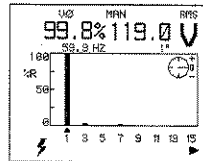
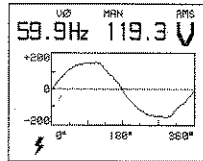
FLUKE®



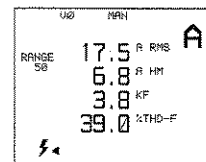
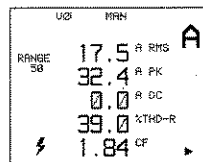
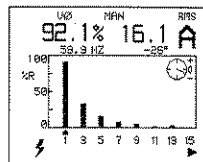
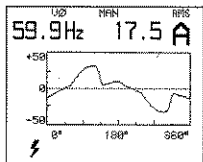


Model 41 Only

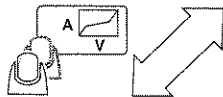
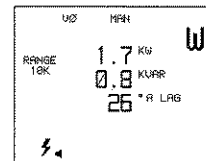
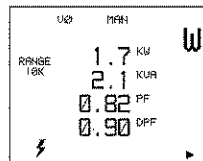
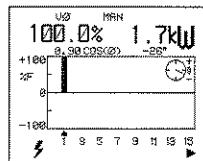
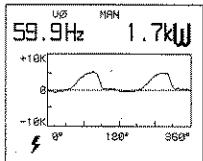
• V
• A
• W



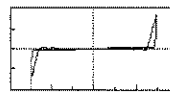
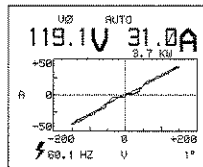
• V
• A
• W



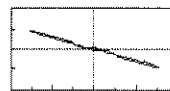
• V
• A
• W



A linear load with no phase shift.



A nonlinear load, usually resulting from a pulse-type power supply.



A linear load that is 180 degrees out of phase. A Current Probe pointed in the wrong direction or reversed polarity voltage leads can cause this indication. This incorrect alignment will also cause negative power readings.



UØ MAN
RECORD NOW **V**
RANGE 117.9 U RMS
200 159.7 U PK
5.5 %THD-F
59.9 HZ

UØ MAN
RECORD MAX **A**
RANGE 17.7 A RMS
50 33.0 A PK
42.8 %THD-F
59.9 HZ

UØ MAN
RECORD AVG **W**
RANGE 1.7 KW
10K 2.1 KVA
0.82 PF
0.89 DPF

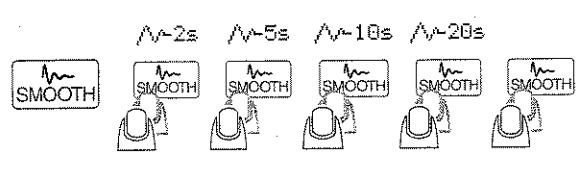
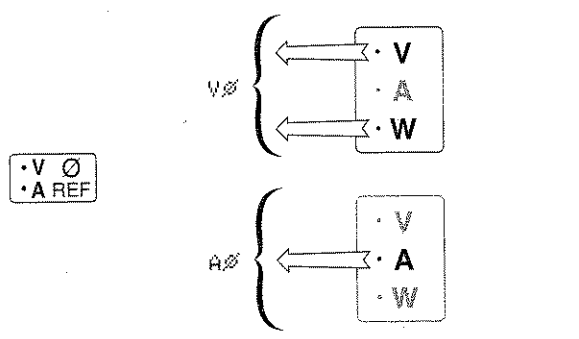
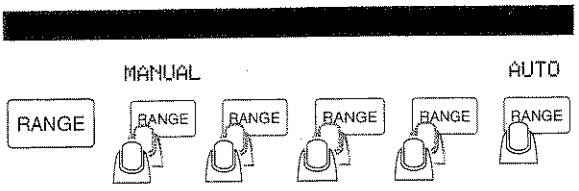
RECORD

· V	V			
· A	A			
· W	W			

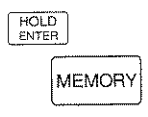
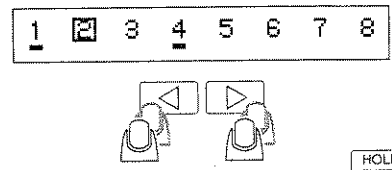
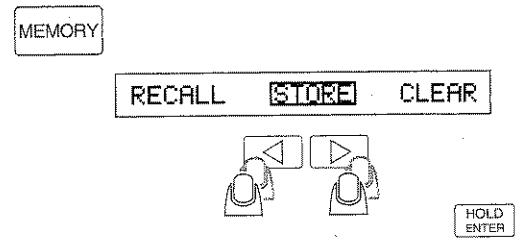
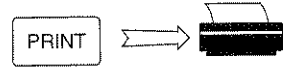
NOW MAX AVG MIN



◀ ▶

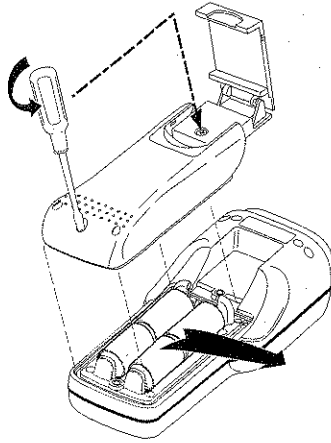
RECORD



Model 41 Only



 **WARNING** 
**TO AVOID ELECTRIC SHOCK, REMOVE TEST LEADS BEFORE
OPENING CASE.**



SERVICE

For service information, call 1-800-825-9810 (USA and Canada). From other countries, contact the nearest Fluke Service Center.

For application or operation assistance or information on Fluke products, call:

800-44-FLUKE in USA and Canada

(31 40) 723330 in Europe

206-356-5500 from other countries

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February 1994

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