



Persons under age 18 are not permitted to operate or have accessibility to operate this equipment per U.S. Dept. of Labor Employment Standards Administration Fact Sheet No. ESA91-3.



UNIVEX FAT ANALYZER

FAT TEST PROCEDURE

1. Remove the two electrode plates [Fig. 1 (21 & 24)] from the electrode holder [20] and scour both sides thoroughly using hot water and a commercial soap scouring pad. Wash the plastic holder [20] in hot soapy water to remove all fat residue.

NOTE: Failure to follow these instructions will cause residue build-up on electrode plates, which will increase the time required for testing and seriously impair the accuracy of the unit.

2. Fill the measuring device [Fig. 1 (27)] with Hamburg taken from several areas of the meat to be tested. Using thumb and forefinger pressure, swing moving parts of measuring device to the side, leaving sample in center portion.
3. Remove sample from the center portion of measuring device and place in cartridge keeping meat toward center of electrode plates.
4. Close electrode holder and place in unit.
5. Place vial [Fig. 1 (26)] below electrode holder and turn unit on.
6. Turn unit off when fat no longer drips into vial (approximately three minutes).
7. With eyes at the same level as pointer [Fig 1 (5)], move lower pointer until even with bottom of fat layer and tighten knurled knob.
8. With eyes at the same level as pointer, move upper pointer until even with top of fat layer.
9. Read fat level from right side of dial and record.
10. For best results, repeat above steps two more times and take average of three readings.

**FAT ANALYZER
FIGURE 1**

| ILLUS. NO. | PART NO. | DESCRIPTION | QTY |
|-------------------|-----------------|----------------------------|------------|
| 1. | 1400002 | HOUSING | 1 |
| 2. | 1400009 | HANDLE | 1 |
| 3. | 4400125 | SCREWS | 2 |
| 4. | 1400029 | ROD, SLIDE | 1 |
| 5. | 1400055 | CALIBRATION ASSEMBLY | 1 |
| 6. | 1400041 | SCREW, THUMB 8-32 X 3/8 | 1 |
| 7. | 1400011 | SWITCH, TOGGLE | 1 |
| 8. | 1400006 | TRANSFORMER 115V, 60HZ | 1 |
| | 1400006A | TRANSFORMER, 220V, 50/60HZ | 1 |
| 9. | 1400001 | BASE. HOUSING | 1 |
| 10 | 1400004 | STRAIN RELIEF 90 DEG | 1 |
| 11 | 1400003 | CORD | 1 |
| 12 | 4400123 | SCREW, SPHD, 8-32 X 2 1/4 | 2 |
| 13 | 4400183 | LOCK WASHER NO. 8 | 2 |
| 14 | 1200058 | NUT, HEX, 8-32 | 2 |
| 15 | 1400013 | FEET, RUBBER | 4 |
| 16 | 4400087 | SCREW, SPHD 6-32 X 3/4 | 4 |
| 17 | 1400045 | CIRCUIT BREAKER 1 AM | 1 |
| 18 | 1400005 | CONTACT, INSULATOR | 1 |
| 19 | 1400022 | CARTRIDGE, INSERT | 1 |
| 20 | 1400019 | HOLDER, ELECTRODE | 1 |
| 21 | 1400021 | ELECTRODE, LEFT | 1 |
| 22 | 1400048 | SPACER, INSULATOR | 1 |
| 23 | 4400124 | SCREW SPHD 4-40 X 1/4 | 1 |
| 24 | 1400020 | ELECTRODE, RIGHT | 1 |
| 25 | 1400017 | LABEL, CIRCUIT BREAKER | 1 |
| 26 | 1400035 | VIAL, GLASS | 1 |
| 27 | 1400050 | MEASURING DEVICE | 1 |
| 28 | 4400326 | LABEL, UNIVEX (NOT SHOWN) | 1 |
| 29 | 1400007 | ELECTRIC CONTACT | 2 |

FAT ANALYZER

FIGURE 1

