



WYTWÓRNIA SPRZĘTU ELEKTROENERGETYCZNEGO
„AKTYWIZACJA” Spółdzielnia Pracy
31-946 Kraków, os. Teatralne 24

Secretariat – Head Office (012) 644-08-92, Fax (012) 644-03-55,
Business Inf. (012) 644-52-33, Technical Inf. (012) 644-54-84
<http://www.aktzywizacja.com.pl>

UTWN-1 UNIVERSAL TESTER OF VOLTAGE DETECTORS

The UTWN-1 universal tester of voltage detectors is designed for testing of all types, both low- and high voltage detectors manufactured by Wytwornia Sprzętu Elektroenergetycznego „AKTYWIZACJA” in Kraków.

For the UTWN-1 universal tester voltage generation is limited only by battery life span. It is suitable for testing the following instruments: electronic and optical voltage detectors OWN, AOWN-1,2,3, phase comparators NUF, UF and CUF, single- and two-poles voltage detectors of low voltage, e.g. WNN, and also gas discharge lamps, e.g. fluorescent lamps, neon lamps.

Principle of operation is based on the usage of high frequency alternating voltage or direct voltage of 2.5 kV (very small power) to stimulate the indicator's activity. Inside of plastic housing an electronic system is placed which generates alternating current of approx. 1 000 V and direct current of approx. 2 500 V. On the front wall of the housing there are the electrodes: „ground” with metal ring and sockets „+” and „~”. On the side surface of the housing there is the push-button „On”, which activates the tester, a label with a short description of tests and the „TEST” LED which is switched on when the voltage generator works.

At the opposite side of the housing there is nameplate and battery compartment cover.

The tester is supplied with alkaline battery type 6F22, protective cover, Operating Manual and quality certificate.

TECHNICAL DATA:

Output voltages:

alternating, approx. 1 000 V above-acoustic frequency

direct, approx. 2 500 V

output current, approx. 100 μ A (0.0001 A).

Battery: 9 V, 6F22, alkaline,

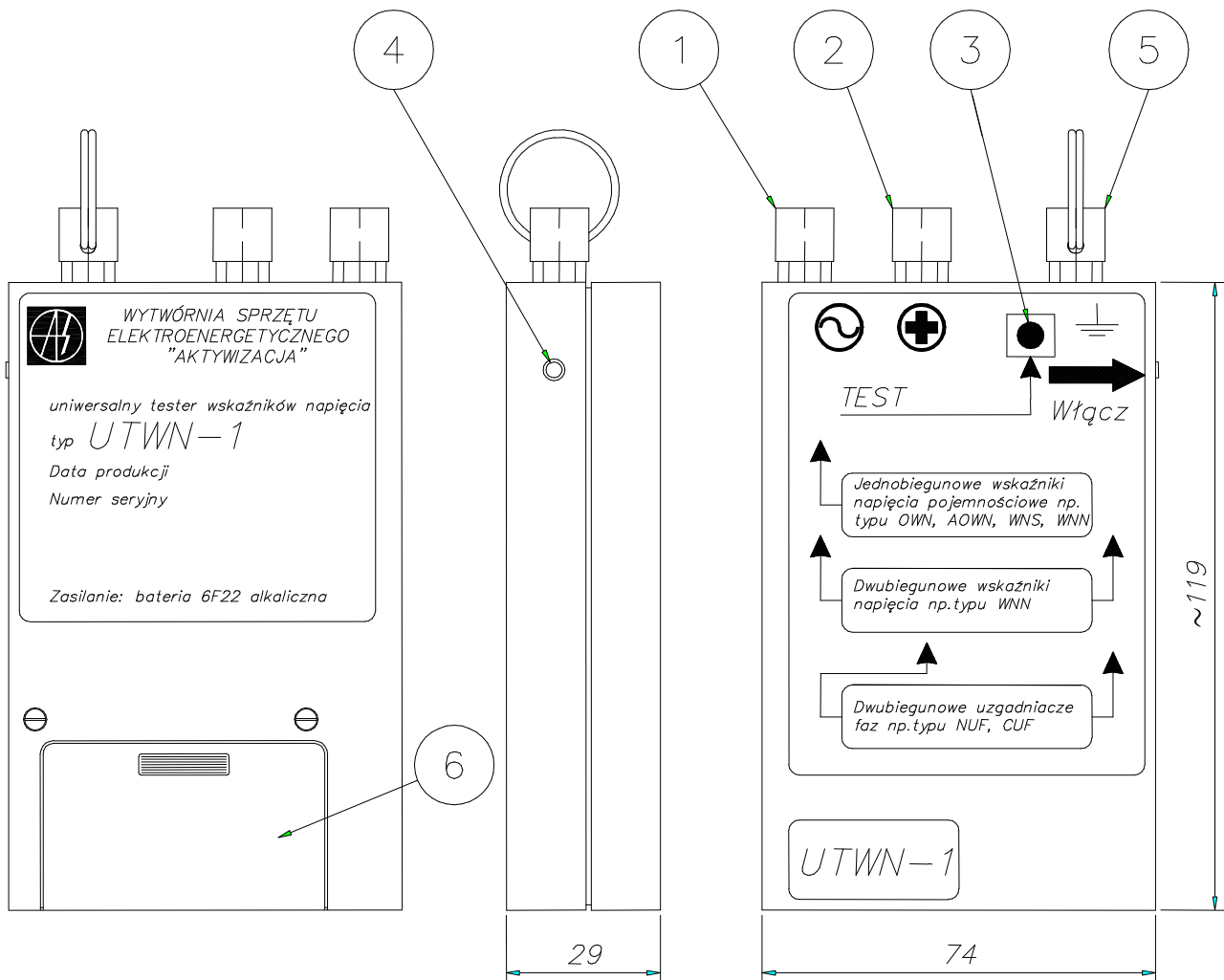
Overall dimensions: 135 x 75 x 30 mm

Weight with batteries: approx. 0.25 kg

Reference documents:

WTO-5/99 UTWN-1 universal tester of voltage detectors.

UTWN-1 UNIVERSAL TESTER OF VOLTAGE DETECTORS



1. Alternating voltage electrode ~
2. Direct voltage electrode +
3. "TEST" LED diode
4. "On" push-button
5. Ground
6. Battery compartment