

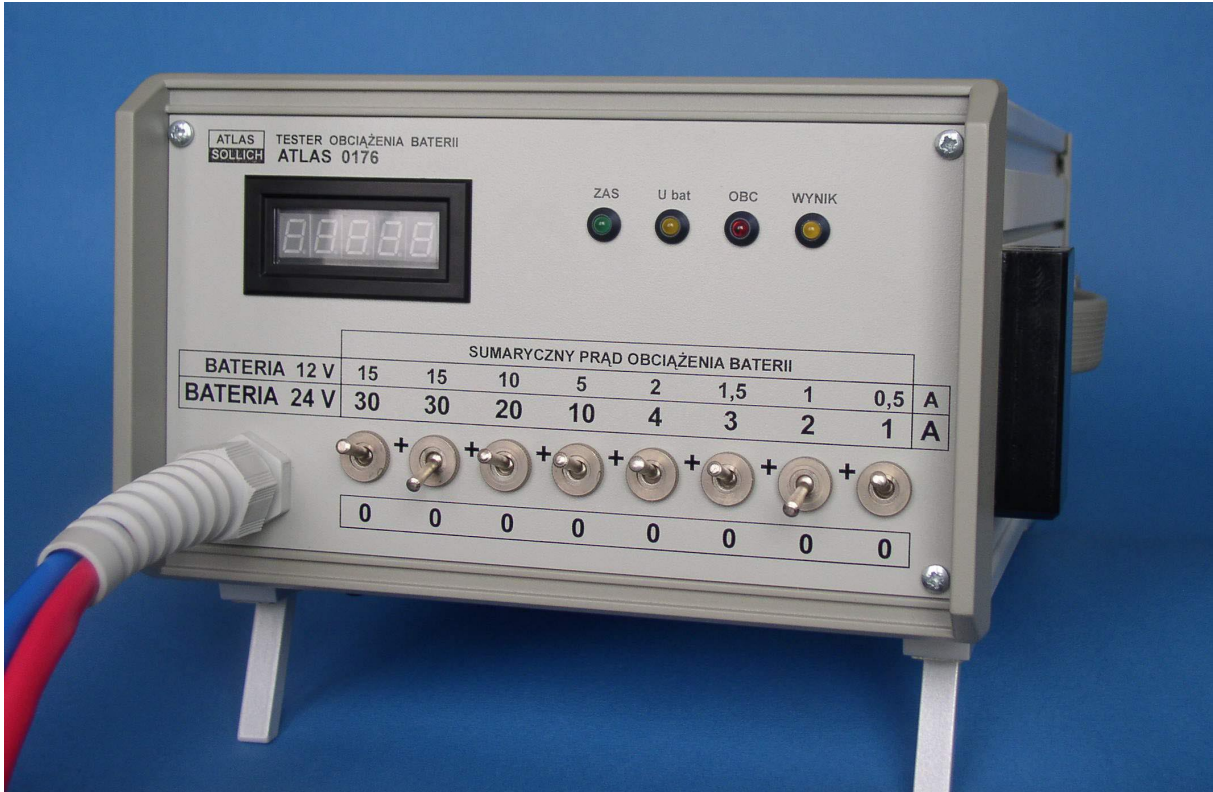
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DEVICE INFORMATION

ATLAS 0176
BATTERY CURRENT LOAD TESTER



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I. INTRODUCTION

The **ATLAS 0176** control device are portable equipment designed for testing and measurements of alkaline or acid batteries used in aviation.

The ATLAS 0176, battery current load tester is the instrument destined to the measurement of voltage on clamps of the battery, during the current load.

The ATLAS 0176 is applicable in measurements of the Ni-Cd battery, Ag-Zn battery and Pb battery, about nominal voltage of 12V or 24V.

The current load value is programmable with switches on the front panel of the instrument.

II. TECHNICAL DATA

		ATLAS 0176
SUPPLY		
supply		from the tested battery
max. power consumption	W	2,5
starting current	mA	<200
minimum battery voltage	V	10
maximum battery voltage	V	40
LOAD		
Load		resistive
load current programming for 24 V battery	A	1 - 100
load current programming for 12 V battery	A	0,5 – 50
voltage measurement range	V	10 – 40
current load time	s	5
total time of test	s	17
Measurement inaccuracy		
battery voltage	%	+/- 0,5% +/- 50mV
Measurement resolution	mV	10
Current programming	%	< 5
Dimensions		
dimensions W x H x D	mm	255 x 168 x 376
weight of instrument	kg	4
length of cables	m	1,5
Other parameters		
temperature	°C	-10 +40
humidity	%	5 - 95