

Control Unit for 2 hand lamps. Art.Nr.: 1165

Used for rotating and vibrating speed measurement as well as for the observation of fast moving periodic or non-periodic mechanisms at two from each other separately located fields of events at the same time; for instance in printing, paper, labelling and packaging industries etc. IC/CMOS-technology, longtime stability, transparent dial with 3 linear scales for precise frequency adjustment, signal control buttons for easy operation. Hand lamps can be controlled by additional signal pushbutton switches operated either individually or both at the same time without power drop.

General Data:

Light Source:

2 pcs. external hand lamp model 900.00 with flash bulb
(control unit without built-in flash bulb)
4pin socket-mounted Xenon-longlife, glass tube protected
approx. 700 Lux in 50cm distance from reflector (beam axis)
approx. 2 - 7 μ s

Flash bulb:

Light intensity:

Flash duration:

Frequency range:

2,5 - 300 Hz = 150 - 18.000 RPM (min⁻¹)
subdivided into 3 overlapping ranges
1.) 2,5 - 20 Hz = 150 - 1200 RPM (min⁻¹)
2.) 16,6 - 83,3 Hz = 1000 - 5000 RPM (min⁻¹)
3.) 80 - 300 Hz = 4800 - 18000 RPM (min⁻¹)
internal oscillator or external triggering
selected by signal control push button
by dial potentiometer
by contact or pulse signals
built-in or separat unit on request
reading in Hz (flashes per sec.) or RPM (min⁻¹) by parallax-free
scale setting.
 \pm 2% of set value
by change of frequency range via signal control push button
6-pole DIN female connector

Trigger action:

- Internal control:

- External control:

Phase shifter:

Display:

Accuracy:

Flash power control:

Input for external triggering:

Special Data:

Power supply:

Housing:

Dimensions:

Weight:

230V - 250V AC, 50-60 Hz 115V AC on request
sheet-steel metal with carrying handle
200 x 125 x 155 mm
approx. 2,8 kg



Accessories:

Digital Phase Shifter Type 941.00
Handlamp Type 900.02
Induktiv sensor Type 915
Magnifying Strob Lamp Type 900.06
IR-Photoelectric pickup Typ 910
Protective Spectacles incl. case Type 950.01
Telescopic Tripod Type 950.00
Spare flash bulbs

Notice:

2 pcs. hand lamp model 900.00 included and male connector
for external triggering included.
Connection box (2 B.C. sockets) on small side of control unit.
Length of cable 2.50 m (standard) -
up to max. 10 m on request

