



Model DT-311N

Mains operated, portable

Standard features:

- For revolutions up to 35000 min⁻¹
- Easy to operate controls
- Easy to read LED display
- Detachable pistol-grip handle and mounting possibility on tripod
- Double-flash (x2) and half-rate (÷2) flash selection for easy determination of true flash rate
- Provides synchronizing pulse output for other stroboscopes
- Accepts external trigger input: Phase shift adjustment 0° to 359° permits movement of objects to desired position for best view and flash photography
- Flash delay switch to move a frozen object slowly within 6 s
- Rugged aluminium housing



Model DT-315N

With internal battery, portable

Additional features:

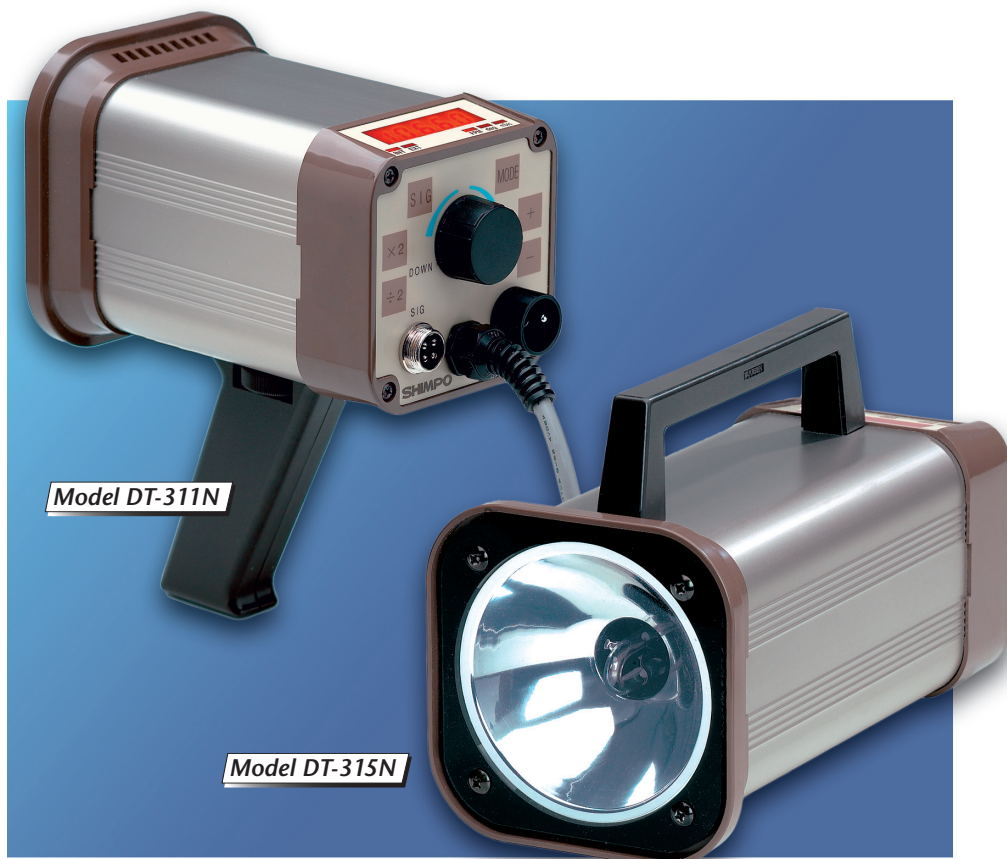
Same functions as Model DT-311N, but additionally with:

- Integrated rechargeable battery, 12 V power required
- AC adapter for recharging and/or mains operating



Model DT-315N-H

Model 20009S rubber caps for shock absorbing



Model DT-311N

Model DT-315N

Specifications

	Model DT-311N	Model DT-315N
Flash range:	0.7 - 585 Hz = 40 - 35000 min ⁻¹ (rpm, FPM) automatic range control	
Accuracy:	± 0.1 % of reading, ± 1 digit	
Resolution:	40 - 4999 min ⁻¹ : 0.1 min ⁻¹ ; 5000 - 7999 min ⁻¹ : 0.2 min ⁻¹ 8000 - 9999 min ⁻¹ : 0.5 min ⁻¹ ; 10000 - 35000 min ⁻¹ : 1 min ⁻¹	
Light intensity:	approx. 300 Lux (depending on flash rate)	
Flash duration:	10 - 40 μs	
Display update time:	approx. 0.2 s	
Display:	LED 5 digit, 10 mm high	
Flash tube:	Xenon, 10 W (Lifetime approx. 100 million flashes)	
Phase shift:	0° - 359° with 1° resolution	
Triggering input signal:	H-level: 2.5 - 12 V – L-level: 0 - 0.8 V, pulse width minimum 50 μs, positive edge trigger; input resistance approx. 4.7 KΩ	
Output signal for sensor:	12 V ± 0.6 V DC, 40 mA	
Power supply*:	230 VAC ± 10%, 50/60 Hz	<ul style="list-style-type: none"> ■ 10.5 - 15 V DC (2.3 A) ■ NiCd battery (1 h continuous use) ■ and/or AC adapter 230 V DC
Temperature range:	5 - 45 °C	
Air humidity:	85% RH, max.	
Housing material:	Aluminium profil, ABS	
Dimensions:	185 x 120 x 120 mm (L x W x H)	■ 250 x 120 x 120 mm (L x W x H)
Weight, net (gross):	approx. 1200 g (1800 g)	■ approx. 2000 g (3200 g)

* Standard 230 V

(Should you require 115 V, please indicate in your order – extra charge)