

AD-3

PROMAG
NDT
The Most Reliable MT & PT Equipment Supplier

Electromagnetic Yoke

The PROMAG AD-3 yoke features an integrated battery design, eliminating the need for an external power source, providing convenient portability, and unrestricted usage. The ergonomically designed housing combined with its light weight, reducing operator fatigue and strain permitting better and longer inspections.



Battery-operated



Portable & Lightweight



UV-A & White Light



AC / DC



ASTM E709



ASTM E1444

OLED Electronic Display Screen

Battery

Magnetization Button

UV-A & White Light Source

Mag. Adjustable Poles

Electromagnetic AD-3 Yoke (Battery-operated)

January 2025



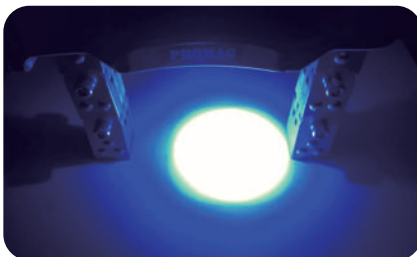
Integrated with a battery, it ensures portability.



Portable lightweight battery with an operational interface.



OLED electronic display shows remain power & voltage.



UV-A Intensity : $\geq 5,000 \mu\text{W}/\text{cm}^2$



White Light Intensity : $\geq 1,000 \text{Lux}$



Articulated, double-jointed legs to contour to any part shape.

Specification

Function	unit	Data
Power supply	-	100-240V AC, 50 / 60 Hz (Chargeable) (Battery-operated)
Lifting weight	kg (lb)	AC: 4.5 (10) DC: 18 (40)
Dimension	in	Yoke: L8.6 x W7.5 x D2.1
	cm	Yoke: L21.9 x W19.1 x D5.4
Battery running hrs.	hr	6
DC battery voltage	v	14.8
Leg span	mm	49 - 139
Weight	kg	Total Weight ≤ 1.9 (Including Battery)
Typical duty cycle	-	$\geq 25\%$, max on time is 5 seconds
UV light	$\mu\text{W}/\text{cm}^2$	$\geq 5,000$ (Distance from lamp to part's surface)
White light	Lux	$\geq 1,000$ (Distance from lamp to part's surface)

* Ensure both feet stand on the surface. Attach the magnetic chuck with a perfectly vertical angle when lifting the workpiece to prevent gaps that may affect lifting force.