

The Vital Medical Pupil Torch & Pupil Gauge (VM-PTPG) is a high-lux diagnostic penlight with an integrated pupil gauge and slide rule. Chrome-plated casing with pocket clip press-activator switch. Powered by 2? AAA batteries. CE and ISO certified for clinical pupillary assessment.

What Is the Pupil Torch with Pupil Gauge?

The VM-PTPG (code PPT/PG) is a diagnostic penlight specifically designed for clinical pupillary assessment. Beyond standard illumination of the pupil, the integrated pupil gauge ? a series of graded circles printed on the body of the torch ? allows the clinician to estimate pupil diameter in millimetres rapidly and accurately, without requiring a separate gauge card. Pupil size and reactivity are among the most important neurological observations in trauma, ICU, and emergency assessment, making this instrument a standard tool for nurses, paramedics, emergency physicians, and neurologists.

Clinical Use of Pupil Assessment

The pupillary light reflex is assessed by shining the penlight directly into each eye and observing the speed and symmetry of constriction. Abnormal findings ? a fixed dilated pupil, an asymmetric response, or a sluggish reaction ? may indicate intracranial pathology such as tentorial herniation, third nerve palsy, or the effects of certain medications or toxins. The slide rule on the VM-PTPG allows additional bedside calculations relevant to neurological assessment.

Design and Battery

The cool-light, high-lux LED output produces consistent illumination without the heating effect of traditional incandescent penlights ? important when closely examining a patient's eye. The chrome-plated aluminium casing is durable and easy to disinfect with standard surface wipes. The pocket clip and press-activator switch allow one-handed operation, keeping the other hand free for stabilising the patient's eyelid. Powered by 2? standard AAA batteries.

Technical Specifications

Specification		Detail
Specification	Value	
Code	PPT/PG	
Light Type	High-lux cool light (LED penlight)	
Casing	Chrome-plated	
Switch	Pocket clip press activator	
Pupil Gauge	Integrated (mm scale) with slide rule	
Power	2x AAA batteries	
Certifications	CE, ISO	
Application	Neurological pupillary assessment, emergency, ICU	

SKU: VM-PTPG