

The Marshall compactor EDC-3A is used to make asphalt mixture specimens by standard compaction method for testing the physical and mechanical properties of asphalt mixture in the laboratory. It is suitable for the forming of $\Phi 152.4\text{mm}$ ($\pm 0.2\text{mm}$) $\times 115\text{mm}$ / $\Phi 101.6\text{mm}$ ($\pm 0.2\text{mm}$) $\times 63.5\text{mm}$ cylindrical specimens used in Marshall test and indirect tensile test. EDC-3A has a manual lever hammer lifting device and two sizes of hammer weight. The controller adopts a combination of touch screen and physical buttons, which makes the display clearer and the operation more convenient.



TECHNICAL SPECIFICATIONS

Power supply	220V, 0.3KW
Drop height	457mm \pm 1.5mm
Hammer weight	10210g \pm 10g/4536g \pm 9g
Compaction speed	55 \pm 5 times/min
Preset compaction times	Maximum 9999 times
Controller form	Digital display
	Phase sequence protection: not available
	Hammer lifting device: manual lever convenient hammer lifting device, electric hammer lifting device and die ring automatic pressing device
Specimen size	$\Phi 152.4\text{mm}$ ($\pm 0.2\text{mm}$) $\times 115\text{mm}$ / $\Phi 101.6\text{mm}$ ($\pm 0.2\text{mm}$) $\times 63.5\text{mm}$