

## *Automatic Falling Hammer Impact Tester*

**Model: XJB-300B**



### 1, General introduction

XJB-300 Falling Hammer Impact Tester mainly used to execute falling hammer impact test for pipe plastic, can pre-set the falling height, prevent wrong second time impact, digital display and auto zero. Standard: ISO 3127, ASTM D2444, DIN-EN 744, BS-EN 1411

#### **Key Features**

- 1, Automatic falling hammer impact tester adopt micro processor control, avoid secondary impact, can preset impact height, automatically hang the hammer, automatically lift hammer to set height position etc.,
- 2, Conforms to ISO 3127, ASTM D2444, DIN-EN 744, BS-EN 1411.
- 3, Equipped with digital display meter to indicate the real time test result like impact height etc.

### 2, Principle

**ISO 3127:** Thermoplastics pipes -- Determination of resistance to external blows -- Round-the-clock method

**ASTM D2444:** Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight).

**3, Main technical specification**

<b>Model</b>	<b>XJL-300</b>
<b>Hammer weight</b>	0.250—16.000kg (0.125 increment)
<b>Working bench stroke</b>	0—400mm (630mm)
<b>Specimen diameter</b>	$\phi$ 10— $\phi$ 400mm (more big is available)
<b>Radius of hammer head</b>	D25, D90
<b>Impact height</b>	2000mm
<b>Height position error</b>	$\pm$ 2mm
<b>Power</b>	220V, 50HZ
<b>Display type</b>	Digital display
<b>Dimensions</b>	700mm×700mm×3300mm
<b>Weight</b>	450Kg
<b>Standard Accessories</b>	Loadframe, Electronic control box, hammer block, power cord, manual etc.