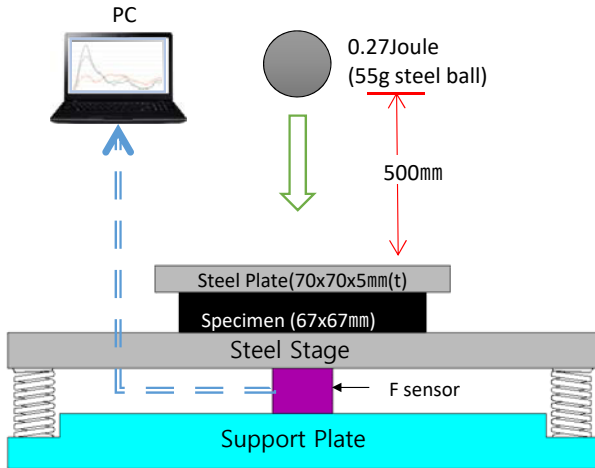


■ Measuring the Shock(Impact) Absorption – Ball Drop Test (For Mobile Display)

◆ Face Impact

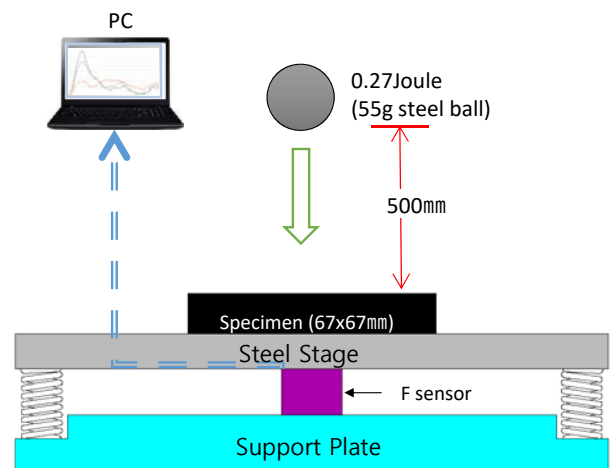


[Calculation]

Shock(impact) Absorption Inde x
= Impact absorption rate x time delay ratio
Where :

- ▶ Impact absorption rate
= $\frac{[\text{Initial impact} - \text{Relaxed impact}]}{\text{Initial impact}} \times 100$
- ▶ Time delay ratio
= $\frac{\text{Delayed duration}}{\text{Initial duration}}$

◆ Point(Direct) Impact



[Calculation]

Impact absorption rate
= $\frac{[\text{Initial impact} - \text{Relaxed impact}]}{\text{Initial impact}} \times 100$

※ Initial Impact : without specimen
Relaxed impact : with specimen

