Mousetrap Amplifier 7/19/02 3:11 PM



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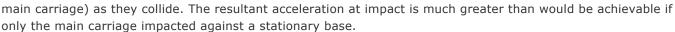
## Shock Testing Equipment

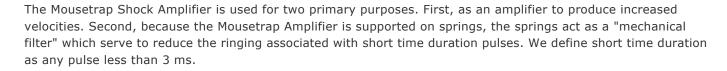
## **Mousetrap Amplifier**

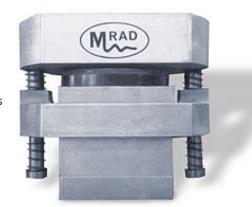
Shock amplifiers produce high acceleration shocks on a spring loaded table. The mousetrap amplifier consists of:

- a. base plate mounted on the top surface of shock machine carriage
- b. specimen mounting carriage which is supported by soft Springs c. a resilient decelerating pad between the shock machine and its carriage

As the main carriage accelerates down, impacts upon its resilient pad and decelerates up - the specimen mounting carriage continues to travel downward (or in the opposite direction of the







## 0909-MTA

Mounting Surface: 9 in x 9 in Hole Pattern: As Required Pulse Duration: 3.0 - 0.5 ms

Max load: 15 lbs

Peak Acceleration: 2,500 g

## 0404-MTA

Mounting Surface: 4 in x 4 in Hole Pattern: As Required Pulse Duration: 0.3 - 0.12 ms

Max load: 5 lbs

Peak Acceleration: 30,000 g