

**Experiment(s):**

1. Verification of law of stretched string
2. Determination of frequency of AC mains

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))

Reference : *Lab Experiments Journal vol-15, No.3, Page-195*

**Experiment setup consists:**

- a) Melde's tuning fork
- b) Melde's power supply
- c) Digital balance (Optional)

**Specifications:****a) Melde's tuning fork**

Fork length: 300 mm  
Positions: Vertical & horizontal  
Weight set: 2x10 g, 4x5 g  
Accessories: Pan and string (included)  
Electromagnet: Fixed to rod, Works from 5 V to 9 V @ 2A  
Pulley & stand: Height adjustable with table clamp

**b) Melde's power supply**

Power supply: Mains operated  
Voltage: 6 V  
Max Current: 2 A  
Rated Input: 220 V/50 Hz  
or 110 V/60 Hz  
Power Consumption: <40 W

**c) Digital balance (Optional)**

Pocket type  
Power: Battery operated  
Max. weight: 200 g  
Resolution: 0.01 g



# KAMALJEETH INSTRUMENTS

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