



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Assembly Station Spur Wheel Worm Gear Mechanism

**Product Code :**  
LBNY-0005-10900025



#### **Description :**

Gears transmit rotational movements. They adapt the torques and speeds of a consumer drive according to demand. Deals with a fixed gear unit. Worm gears are normally deployed to gear down, and are mostly self-locking. This enables components to be compared directly with the complete system. The gear unit comprises a worm gear with an upstream spur gear stage. Combining the two types of gear in a single box enables high transmission ratios to be attained at high levels of efficiency in a compact space. The comprehensive and clearly structured instructional material, which includes a set of drawings, sets out the individual assembly steps in detail and provides additional information on the areas of application, mode of operation and design of the assemblies. Large-format drawings suitable for workshop practice can be attached to the display board at the rear of the trolley. All steps can be demonstrated to, and then performed by, the students themselves.

#### **Technical Specification :**

Assembly project for engineering training  
2 Combination gear units: 1x set of components for assembly, 1x assembled, mounted on trolley as demonstrator  
Workshop trolley with drawing display board at rear, built-under cabinet with 3 lockable drawers and vice with 115mm jaw width  
Spur gear stage with helical gear wheels  
Worm gear stage with cylindrical worm and globoid wheel  
Assembly kit, tool kit, assembly aids.



**Laboratory Instrument India**