

**UAM Motor Drive**

Universal Motor Drive UAM 400

This newly designed motor drive is the basic power house for all our attachable accessory equipment for pilot plant and small batch production, such as Coating Pans, Cube Mixers, Pelletisers, etc. It also allows the use of existing equipment and accessories supplied by Erweka or Copley.

The flexible design allows the easy, trouble-free changeover of accessories in a fast and efficient manner. The design of the motor drive is such that there is more than enough room to contain the geometry of any accessory and allow all-around access for tool removal.

Naturally, the UAM 400 is equipped with a state of the art drive electronics. The menu driven user screen allows data entry for speed and operating time, as well as the storage of up to 10 different operating procedures. The built-in 700 Watt motor offers a speed range which can be adjusted over the nominal range of 4-400 rpm

Technical Data UAM

Speed Range: 10 - 400 rpm, continuously adjustable
Gear Ratio: 1: 3.42
Mains current: 700 W
Mains Voltage: 100 - 240 V - 50/60 cycles.

**Universal Gear UGD**

This gear is used to allow the adjustment of operating angles from 0° to approximately 80° and reduce the drive speed at a ratio of 10:1. Several attachments, such as Pelletisers, Cube Mixers or Coating Pans are attached via the UGD gear.

The UGD accessory has been so designed that the angle of operation can be accurately set against a scale in the instrument housing. This enables the same operational angle to be selected every time the accessory is removed and re-installed (e.g., for cleaning). Unlike some similar devices, our gear drive has been designed so that the operator can always view the on-going process as all accessories are mounted to the front of the gear drive. This allows easy viewing of the process at any time.

We reserve the right to make technical changes without any prior notice