

## TIM-DA35

### 1 Gallon & 1 Quart Grease Extruder/Pump System

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**TIM-DA35** extrudes medium to high viscosity material, such as paste, silicone and grease under pressure directly from a pre-filled can. Suitable for automatic and semi-automatic controlled dispensing applications, which require a constant supply of air-free material. By using the TIM-DA35, air bubbles and material voids that are caused by handling or decanting viscose material are prevented.

The can is prepared by cutting off its top, the extruder pump body is lifted and the can placed in position. The extruder pump body is fitted with a follower-plate that seals and follows the material as the level drops to wipe the sides of the can clean limiting waste. The fluid is pressure fed by reinforced hoses to a valve, which is either mounted to a robot or operator held with a gun handle. The valve is actuated by a valve controller.

#### Features

- Material delivered air-free
- Wipe-clean action
- Air rams to assist pumping of materials
- Follower-plate change for 1kg (1qt) and 3kg (1gallon) cans
- Adjustable air ram pressure
- Low noise electric extruder motor
- Simple load mechanism also provides easy cleaning
- Teflon, Viton and PEEK seals for wetted parts



- Avoids waste
- No need to transfer material
- Easy hook up for automatic systems

### Part numbers:

**TIM-DA35-110:** Extruder pump - 8.5:1 110V

**TIM-DA35-1kg:** follower-plate for 1kg. (1qt) can

**TIM-DA35-1GL:** follower-plate for 3kg. (1 gallon) can

### Specifications:

Size base	8.46 x 17.32 (215 x 440mm)
Height adjustment	21.65"min - 28.35"max (550mm min - 720mm max)
Weight	28lbs (12.73kg)
Power input for sensing	110-220V 50-60Hz
Air input pressure	243-700 kPa, 35 - 100 psi (2.4 - 7.0 bar)
Max. output pressure	6.0 Mpa, 850 psi (60 bar)
Fluid viscosity range	30,000 - 300,000 cps
Ratio	8.5
Volume per stroke	5.0cc (0.17 oz.)
Pump speed for continuous operation	40cpm
Max. pump speed	60cpm
Stroke Length	3/4" (19mm)
Max. operating temp.	50°C
Air inlet size	1/4" npt (f)
Fluid outlet size	1/4" npt (f)
Wetted parts	304 & 17-4 pH Stainless Steel, Teflon, Viton, PEEK
Sound pressure level, 100psi	64.12 dB (A) @ 40cpm
Sound power level, 100psi	70.84 dB (A) @ 40cpm

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