

AUTOMATIC FEEDER PA-02/H



release date 30-12-2010



CONSTRUCTION

Automatic feeder PA-02 is designed to ensure even dosing of objects with small dimensions, in particular pills and capsules, as well as small mechanical parts. The feeder carries out dosing to a weighing pan of a balance to which it is attached.

If joined with a RADWAG analytical balance series Y, it provides fast static control of samples according to strict pharmaceutical requirements.

DESIGN AND FUNCTIONALITY

The device is based on a cylindrical vibrating container equipped with a conical or stepped storage bin offered in stainless steel version. Due to application in pharmaceutical industry, the feeder's storage bin is continuously welded in its inner and outer part, and it is chemically electropolished. The feeder is appropriate for dosing pills from 3 to 15 mm in diameter, round and oblong, as well as details with similar shapes and dimensions.

The device is enclosed in a powder coated mild steel housing.

RADWAG laboratory balances **series Y**, which are cooperating with the automatic feeder, provide complete control over the PA-02/H feeder. The balance controls the start and stop of the feeder and adjusts object feeding frequency. The device also enables automatic feeding of objects according to pre-defined algorithm. Filled objects (e.g. pills) are weighed on a balance and statistically assessed. The feeder fills the following object as soon as it receives an adequate command from the balance.

Automatic feeder PA-02/H cooperates with below balances series Y:

- Analytical balance AS/Y
- Precision balance PS/Y

Technical data:

	PA-02/H
Diameter of filled object	Ø 3 ÷ 10 mm
Feeder diameter	Ø 180 mm
Height of feeder's vibrating element	70 mm
Filling speed	1 ÷ 15 pcs / min
Operating temperature	+5 ° ÷ +40 °C
Power consumption	8 W
IP rating	IP 34
Power supply	110 ÷ 230 VAC 50 / 60 Hz
Control	external from balance level
Interface	RS 232
Net weight	22,3 kg
Dimensions	265 × 255 × 230 mm

RADWAG

26-600 Radom • Bracka Street 28 • POLAND • Phone: +48 48 3848800 • Fax: +48 48 3850010 • www.radwag.com • e-mail: export@radwag.com