

Rotary powder feeder consists of a hopper with a lid for powder placement, connected to a housing in which a metering rotor with a horizontal axis of rotation and parallel longitudinal grooves on its cylindrical surface is mounted and a channel for supplying conveying gas to the outlet fitting. The hopper outlet channel for feeding powder into the metering mechanism is designed as a funnel inserted into the channel of a threaded sleeve. The gap between the hopper outlet channel and the rotor grooves is adjustable during feeder operation by rotating a nut mounted on the threaded sleeve, which can be moved vertically. The threaded sleeve is secured against rotation by a key, and the metering rotor is designed with triangular-shaped slots in cross-section, bounded with flanges.