

Available
in 5 different
sizes



Pressure Container System

State-of-the-Art solution
for providing and supplying
liquid media

WDBS

Highlights/ Benefit

- Can be flexibly adjusted to individual requirements due to container sizes of 2 to 40 liters and many other options
- Integrated control for stirrer, filling level sensor and process valve
- High connectivity for providing process values and messages
- Easy direct operation of system as well as connected peripheral elements

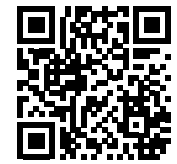
Filling, storing and supplying: Individually configurable pressure containers of the WDBS series

For solutions which meet your demands;
whether simple or highly functional.

The Walther Pressure Container System WDBS is the state-of-the-art solution for the provision and pulsation-free supplying of low to medium viscous media, such as paints, lacquers, oils, fluxing agents, primers etc. By means of compressed air, the supplied medium will be pressurized in the pressure container. From there, it will flow pneumatically via a riser pipe or riser hose to the medium outlet which is secured by a check valve (optional). The WDBS can function as supply system for 1K- and 2K-dosing systems, or as autonomous system together with dosing, outlet or spray valves. An integrated control unit will be used for selecting the stirrer mode and monitoring the filling level, as well as directly controlling a process valve. The control unit offers various setting options for the stirrer and the valve, and communicates status messages for the filling level sensor, the stirrer and the valve via DIOs and fieldbus.

The Walther Pressure Container System has different container sizes from 2 to 40 liters, a filling level sensor with floating switch, an ultrasound or capacitive probe as well as an electric or pneumatic stirrer and thereby offers a large number of design options and very flexible configuration possibilities. As a standard, all medium-touching components are made from stainless steel. Also as a standard, a stainless steel funnel can be used for filling the container without opening the lid. With its high functionality, an easy and intuitive operation and a high durability, our pressure container system meets all industrial requirements and will reliably support you in your production processes.

Follow the
QR-Code for
additional
product info



Technical Data

Operating pressure
max. 2,5 / 4,5 / 6 [bar]

Viscosity range
1 mPa s to 50.000 mPa s
(with self-leveling medium)

RPM Stirrer
max. 250 U/min

Pneumatic connection
Ø 8 [mm]

Connection medium outlet
G 1/2"

Operating temperature
-10 to +40 [°C]

Operating voltage
24 V DC

Container sizes [Ø x H]	
WDBS-02	418 x 440 [mm]
WDBS-05	503 x 510 [mm]
WDBS-12	503 x 680 [mm]
WDBS-25	650 x 600 [mm]
WDBS-40	650 x 750 [mm]

Optional / Accessories

