

PAKDOS 60-TOUCH

FUNCTION DESCRIPTION

Dosing system for the dust-free dosing of powdered activated carbon (PAC) to eliminate organic impurities from the water such as combined chlorine. Dosing directly from 60 l drum by a dosing screw. Production of a weak suspension to be conveyed to the filters by a venturi nozzle. Suitable for multiple pool systems together with the suspension distribution system. Water supply from after the filter, injection point recommended before the filter pump (pressureless).

SCOPE OF DELIVERY

Vertical support:

Rotating drum carrier steel, zinc and blue powder coated, drum fixing device with clamp bands and safety belt.

Activated carbon dosing:

Dosing hopper to be connected to the chemical drum. Dosing motor, dosing screw, knocker to support the dosing. Capacitive switch for empty monitoring of the drum, heated dosing nozzle.

Suspension unit:

Pre-filter d 75, booster pump 400 W/1250 l/h or 600 W/1500 l/h (alternatively fresh water with solenoid valve), suspensor with sprinkler nozzles, venturi. Monitoring of the pump by pressure switch. Monitoring of the suction performance of the venturi. Level monitoring in the flushing tank.

Control techniques TOUCH:

Operation and visualisation via coloured 7" Touch-Graphic display. This enables simple and clearly arranged user guidance of the screen. Faults and alarms are illustrated by self-explaining icons. Switch-off of the dosing at malfunction. With integrated meter for powdered activated carbon consumption and event storage (data logging).

Interface:

USB for data export.

Remote indication via browser driven devices:

(e.g. tablet or smartphone, not incl.): Indication of the current operational states, errors and alarms.



TECHNICAL DATA

Electrical supply	230 V/AC 50Hz (interlocked with filter)
Power supply	400 W / 600 W
Water supply	DN20
Water outlet to injection point	DN20
Measures (W/H/D)	600 x 1500 x 750 mm
Weight	app. 50 kg
Dosing performance	10 - 1200 g/h (optional up to 5000 g/h)
Pre-pressure min.	0,2 bar
Back-pressure max.	app. 2 bar (dependent on pre-pressure)

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply tubing and tubing to the injection point
- Tubing of the overflow to the drain
- As the case may be compressed air supply

