



The Art of Dispensing



ADACDOS-60/120/240

Manual dispensing systems, with or without electronic control (ADACBOX-BB/BD optional), specially designed for low viscosity products. Different types are available for cyanoacrylates (Teflon tubing), lacquers (with disposable needles), or even UV-glues (with ultraviolet protection). The product is contained in a Teflon bottle. The following capacities are available: 60, 120, or 240 cm³.

MDH-3

Very small dispensing valve fitted with an integrated manual flow adjusting system and external visual detection of piston leakage. To be used in manual or in automatic mode. Control of the dispensing cycle motions by a PNP proximity switch (optional). Especially designed for low to high viscosity products. Very short cycle times. To dispense points with volumes between 1 and 1.000 mm³, as well as very fine stripes on long surfaces. Can be fed directly from a barrel pump, any kind of tank or cartridge, or even a syringe.



DDH-MB

Membrane dispensing valve, delivered with or without electronic control box ADACBOX-BB/BD (optional). Manual flow adjusting system. Opening / closing operation of the dispensing cycle assured by a specially designed Teflon membrane. It was especially conceived for dispensing aggressive low to middle viscosity products. Disposable dispensing needle. Connecting fitting device for Ø 6/4 mm to Ø 12/10 mm feeding pipes. Compatible with all ADACTECH feeding systems.



DDH-3

Dispensing valve with integrated manual flow adjusting system. Delivered with or without electronic control box ADACBOX-BB/BD (optional). Control of the dispensing motions by PNP proximity switches (optional). Integrated leakage monitoring of the dispensing valve. Specially designed for low to high viscosity products. Very short cycle times. Suitable for dispensing points with volumes between 1 and more cm³, as well as fine stripes on long surfaces. Can be fed directly from a barrel pump, any kind of tank, cartridge, or even a syringe.



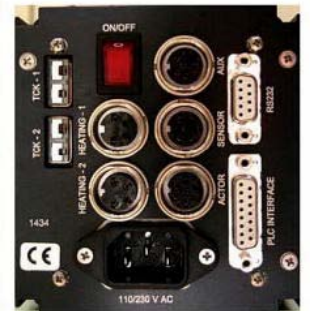
VDH-1536-PN/SR

Volumetric modular dispensing valve especially designed for low to high viscosity products. Two versions: pneumatic PN version or servo motorized SR version. Designed to dispense drops (Versions PN and SR), or stripes (Version SR). It can be managed by an electro-pneumatic control unit type ADACBOX-BV (optional). Volume ranges between 0.5 and 565 mm³. Integrated PNP proximity switches to control all dispensing cycle motions, as well as all necessary connecting fittings for the supply of compressed air and dispensed material. Very easy installation. Low maintenance costs. « Anti-Leakage » system integrated.



ADACSHOT - Series 500

Micro-Dispensing-Valve to jet or depose very small volumes of product. Programmable opening and closing piston speed. Adjustable piston and hub seat either in ceramic, hard metal or PEEK. Electronically adjustable piston stroke. A heating unit for temperatures up to 120° C (optional). Dispensing time adjustable up to 500 cycles/second. Diverse nozzles with holes: 70, 100, 150 and 200 µm. Minimal dispensing volume (depending on the product): 0.001 mm³. Feeding possibilities: syringe, cartridge, reservoir or barrel.



ADACBOX – Series 5000

High performance programmable control unit to enable an extra short response to the very short signals from the Micro-Dispensing-Valve. Necessary for programming and adjusting of all parameters: piston stroke, piston opening and closing time, waiting time, number of shots (micro shots) per cycle, working temperature... Includes a self adjusting system to automatically reprogramme all parameters after a maintenance operation. RS232 and PLC interface included.



RES-PNB

Aluminium feeding tanks **RES-1250/2500-PNB** with capacities of 1.0 or 2.0 liter. For aggressive or non-aggressive low viscosity products. Delivered with HDPE bottle (Teflon optional), minimal level control, overpressure security valve, compressed air gauge, purge pen and all necessary connecting fittings. Precision manometer (optional). Convertible to RES-PNP or RES-PNC.



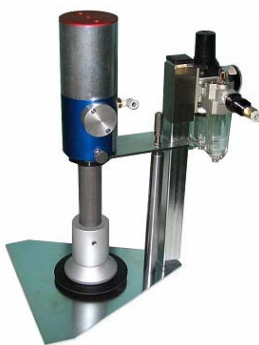
RES-PNP

Aluminium feeding tanks **RES-1250/2500-PNP** with capacities of 1.25 or 2.5 liter. For non-aggressive middle or high viscosity products. Delivered with pressing piston, minimal level control, overpressure security valve, compressed air gauge, purge pen and all necessary connecting fittings. Precision manometer (optional). Convertible to RES-PNB or RES-PNC.



RES-PNC

Aluminium feeding tank type **RES-2500-PNC** – Specially designed for Euro-cartridges. Volume depends on type of cartridge. Delivered with minimal level control, overpressure security valve, compressed air gauge, purge pen and all necessary connecting fittings. Precision manometer (optional). Convertible to RES-PNB or RES-PNP.



BP-3/50/200

High pressure pumps for feeding tanks and barrels with a volume of 1 to 200 liter. For viscous, non corrosive, products. Can be delivered as basic version with one sliding column (BP-3), or as semi-automatic version with two pneumatic assisted columns (BP-50/200). The version with pneumatic columns allows the operation of inserting / extraction of the pressure plate and also continuously pressing during the working cycle. All types are delivered with pressure plate (adapted to the barrel or recipient diameter), base plate, integrated barrel centring system, minimal level control and purge system. Pumps are available with different pressure ratios between 1:5 and 1:60 depending on the type.



ADACBOX-BV



ADACBOX-BB



ADACBOX-BD



ADACBOX-BB/BD/BV

Electro-pneumatic control in different versions: Type BB for one time-pressure valve, type BD for two time-pressure valves (i.e. enables two valves to work simultaneously or independently with a single control) and type BV to control one VDH valve and up to two pneumatic slides. Integrated PLC control. Digital display. Very precise regulation of working pressure (A and B separately in the version BD). Programming of different "waiting times" in the version BV. Memory for different working programs. Input for minimal level control signal. Pre-programmed.

Accessories

Single- or double-stage pressure reducing valves



Degassing units & vacuum pumps



Adjustable manifolds & filters

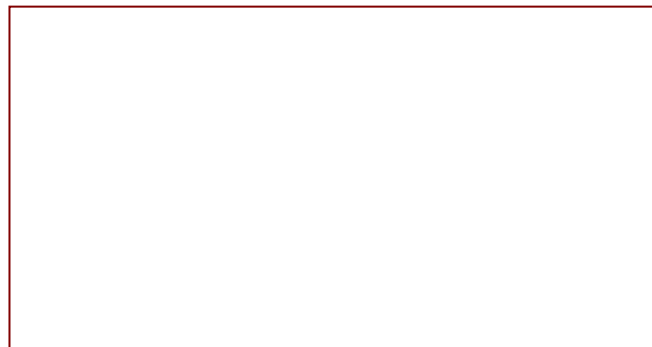




The ADACTECH GmbH was founded in Salzburg (Austria) in 2006 as ADACTECH Dosiertechnik GmbH, by a team of engineers specialized in high precision dispensing equipments. A personal and direct contact to our customers, combined with the highest industrial experience allows us to provide the best solutions for specific requirements. Our main concerns are our customers as well as the quality of our products. All mechanical parts, as well as the electronic controls for our products, are manufactured either in Austria, Germany, or Switzerland.

Our Berlin laboratory enables us to perform each kind of trial with your products. Hence we are able to offer an individual solution for your application and a trouble-free production – as your application is our passion. The most prestigious names in automotive, micro-electronic, household-electronic, and pharmaceutical or watch industry belong to our comprehensive reference list.

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