

# ADACSHOT-500 Series ADACBOX-5000 Series

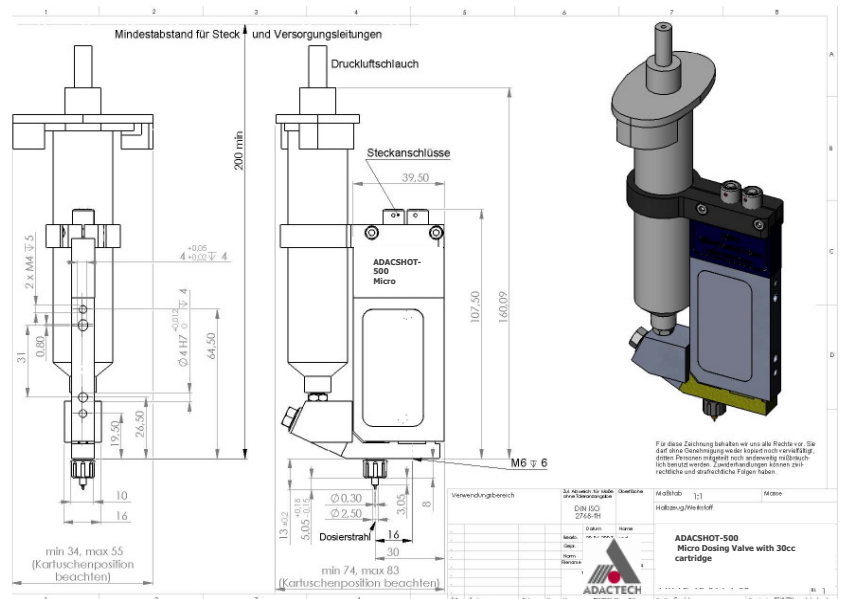


## Characteristics

- Piezo electrical powered Jet-Dispensing valve
- Non-contacting dispensing drops or beads
- suited for low- and high-viscous Mediums up to 2 Mio.[mPas]
- extremely low dispensing times (up to 1000 shots per second)
- shot distance from 1 to several [mm] (depending of viscosity and size of drop)
- Dot size- (5 [nl.] up to several [µl]) or bead dispensing (continuous dispensing)
- Optional heating of medium up to 120°C]
- Feeding from barrel pump, tank, cartridge or syringe
- interchangeable piston and piston seat, materials Peek, metal or ceramics
- Dispensing nozzle with diameter from 0,07 mm with or without needle

## Technical Data

Recommended mediums:	Adhesives (filled conduct adhesives), most low- and high-viscous Mediums
Dispensing volume:	Min. 5 [nl.] each shot (depending of Medium)
Dynamic viscosity:	low- and high-viscous Mediums up to 2 Mio. [mPas]
Ram type:	Monolith Ceramics
Feeding pressure:	0,1 - 10 [bar]
Chemical resistance:	Resistant for numerus Mediums. Medium touching parts available in different materials
Dispensing frequency :	Max. 1000 [Hz] at full stroke
Dimensions:	115 x 39,5 x 12 [mm]
Weight:	Min. 250 [g] (depending on configuration)
Dimension control unit:	102 x 295 x 129 [mm] to be used in 19"-Rack
Standard Interface:	RS232C; 24[V] / 5 [V] PLC
Program storage:	10 Programs internaly
Power supply:	110 / 240 [V]AC, 50 / 60 [Hz]
Option:	Heating, Feeding units, Tanks, Barrel pumps, Feeding tubes, Dispensing Nozzles and Needles



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Page 1 of 1