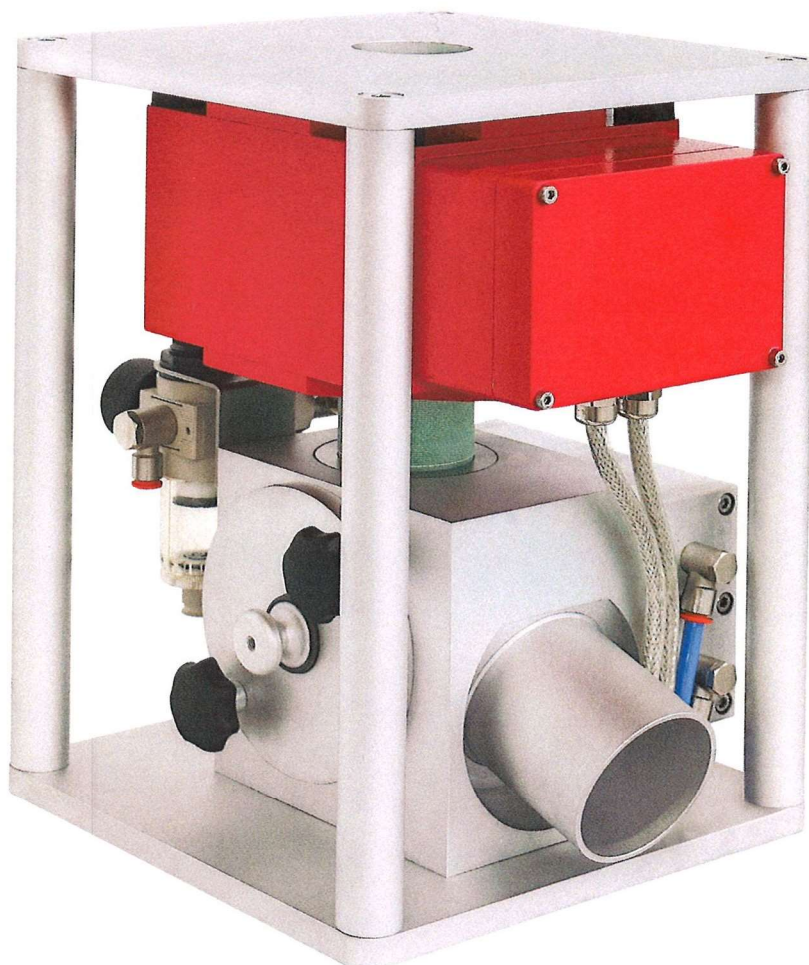


# PLASTRON 05 K



METAL SEPARATOR FOR THE PROTECTION  
OF INJECTION MOULDING MACHINES AND  
EXTRUDERS

## TECHNICAL DATA SHEET

Version 07/18

## TECHNICAL DATA

■ Protection class:	IP 65
■ Operating voltage:	100 to 240 V AC / 50 / 60 Hz
■ Appliance fuse:	1,25 A time-lag, 5x20 mm according to DIN
■ Power consumption:	max. 50W
■ Compressed air connection:	6–10 bar (up to 40 °C)
■ Compressed air consumption:	PLASTRON K 30–70 = 6 litres per separation PLASTRON K 100 / 120 = 9 litres per separation
■ Operating pressure:	6 bar

## AREA OF USE

The area of use of the machine is the feeding of injection moulding machines and extruders with slow-flowing material in plastics processing. It protects the processing machine against damage caused by metal parts and guarantees an optimum production process for your area. The PLASTRON 05 K is installed directly at the machine intake between the inlet of the plasticiser unit and the upstream peripheral devices.

■ Ambient temperature:	+5 °C to +50 °C
■ Storage temperature:	-10 °C to +60 °C
■ Relative humidity:	0 to 100 % (without condensed water)
■ Conveying method:	Slow-moving material column or short free fall
■ Conveying speed:	0.005–2.0 m/s
■ Fall height:	150 mm above the top edge of the appliance
■ Material to be examined:	Thermoplastics, thermoplastic elastomers and common additives
■ Granulation:	0–6 mm (granulate/powder) 1–10 mm (flakes)
■ Material temperature:	max. 120 °C

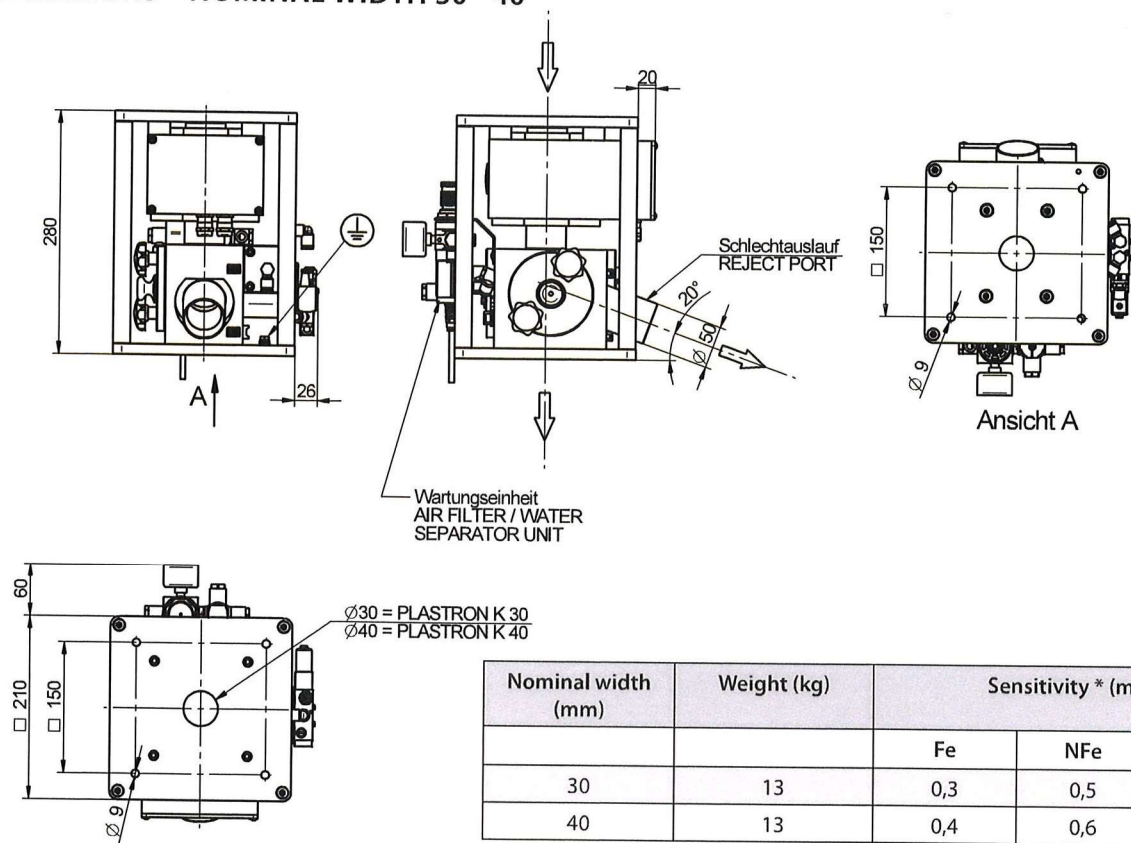
## STANDARD SCOPE OF DELIVERY

■ Operating manual	■ Detection coil	■ AMD 05 evaluation electronics
■ EU Declaration of conformity	■ Separation mechanism	■ 2 m connecting cable between electronics casing and appliance
■ 1.8 m mains power cable	■ Compressed air maintenance unit	
■ Mounting frame	■ 2.5 m compressed air connection	

## AVAILABLE ACCESSORIES / OPTIONS

- Appliance version for abrasive granulates
- Visual and acoustic signalling devices
- Special lengths of connecting cables between appliance and electronics casing of up to 50 m
- Mains power cable with other standard plugs
- Automatic monitoring of the compressed air and separation mechanism
- Adaptor plates for mounting
- Product emptying at the push of a button

DIMENSIONS – NOMINAL WIDTH 30 - 40



Nominal width (mm)	Weight (kg)	Sensitivity * (mm)		
		Fe	NFe	SS
30	13	0,3	0,5	0,6
40	13	0,4	0,6	0,8