

# A•10

OIL SMOKE FILTER

## FANTASTIC FILTRATION ABILITY

A newly developed filter unit built for tough machines running high pressure coolants with high spindle speeds. Perfectly adapted to fulfill the requirements of clean process air in the modern industry of today.



## WELCOME TO A NEW GENERATION



### 8760 RUNNING HOURS

Four filter stages capture all particles giving you 1 year of maintenance free operation.



### CLEAN AIR - ALWAYS

A HEPA class, H13 filter guarantees clean air. Only the best is good enough.



### NO MORE SMOKE

The fan adapts to the needs you have. Energy efficient and health safe.



### 3.5 OIL BARRELS

Say bye to slippery floors and dangerous smoke. Only clean air will remain.



### A•CONTROL

A•control makes sure your filter units are doing what they should - no worries!



### REMOTE ALARM

Connect A•10 to a remote alarm and it will let you know when it needs your attention.



### SUPPORT

We are always available with our expertise to help you and answer your questions.



### WORRY-FREE

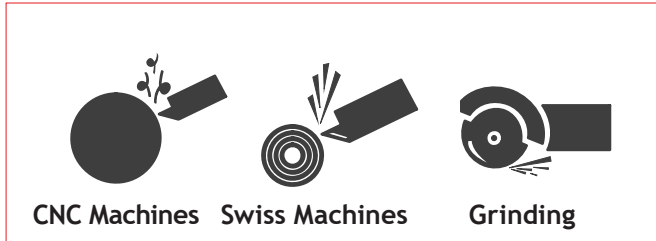
Safe, smart and almost maintenance free. Clean air should never be complicated.

## PERFECT FOR GRINDING, TURNING AND MILLING

A•10 may look small, but don't be fooled! Beneath the surface you'll find four unique filter stages with an enormous capacity.

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## WHAT I DO BEST



CNC Machines

Swiss Machines

Grinding



### Versatile Use

A•10 is best suited for CNC machines, Swiss machines and grinding machines that are running high RPM and high coolant pressures. Its small size makes A•10 ideal for machine mounting, but of course you can also put it on a floor stand or mount it from your wall or hang it from the ceiling if that is what you prefer. This new unit is the perfect match for a machine with an inner space of up to 5 m<sup>3</sup>/177 ft<sup>3</sup>. A•10 can also be adapted to fit the requirements of different applications. This makes it our smartest unit yet.

### Unique Function

A•10 has four unique filter stages adapted to your machine. Each one captures millions of particles. The first three are self-draining filter cassettes from Absolent. These have the ability to drain the captured oil so that it can be reused in the machine instead of polluting the premises. This is what we call our Catch & Release principle. The fourth filter is a HEPA H13. Thanks to this we can ensure clean air during the entire operating time. It filters 99.97% of all particles >0.3 micron. In other words, it is a filter for your safety.

### The Amazing A•control

A•10 comes with A•control. A handheld, electronic device with a 7 inch color screen that gives you new opportunities to manage, control and monitor your filter unit. The A•control has information about the pressure drop at each filter stage, running hours, fan speed and much more. You can adjust all settings right from the hand unit. It has never been so easy to clean the air from and around your machines.



## TECHNICAL INFO

HEIGHT	920 mm
WIDTH	965 mm
DEPTH	680 mm
INLET DUCT	2x Ø160 mm
WEIGHT, DRY FILTERS	140 kg
NOM. AIRFLOW	1000 m <sup>3</sup> /h
EXT. PRESSURE DROP	1000 Pa
MAX MOTOR OUTPUT	1150 W
NOISE LEVEL*	<70 dB(A)

### Typical values for this filter

OIL AMOUNT, IN	3.5 barrels/yr
OIL AMOUNT, OUT	1 tsp/yr

\* 1 m from filter unit. Sound absorption in premises=200m<sup>2</sup>, Hemispherical sound propagation. For sound calculation concerning a specific room, contact us at Absolent or any of our dealers.