

AEROSOL GENERATOR

MIST GENERATOR AG-5

ALL-IN-ONE

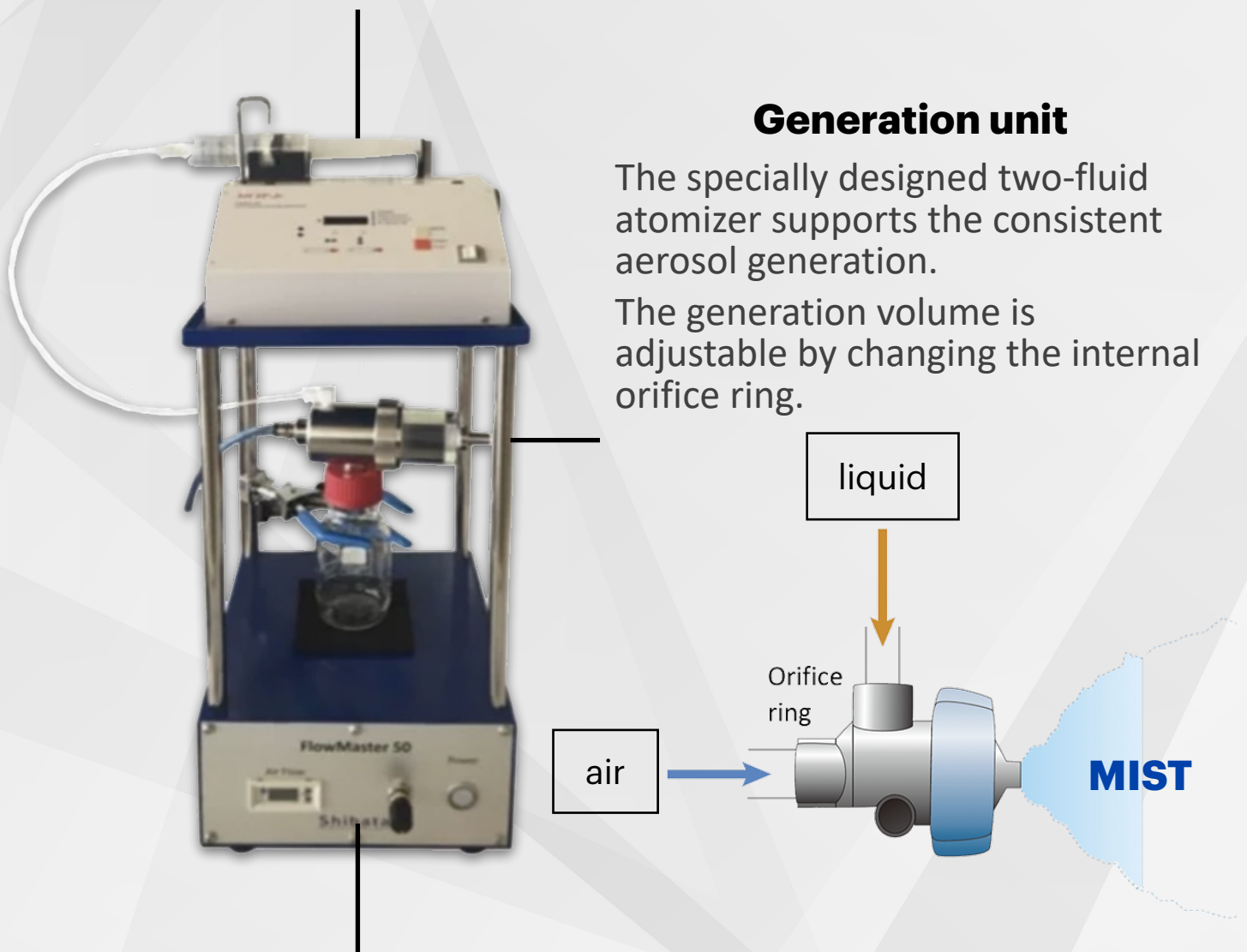
Automatic liquid syringe pump

The digital microsyringe pump sends the controlled and consistent amount of the test substance to the atomizer.

Generation unit

The specially designed two-fluid atomizer supports the consistent aerosol generation.

The generation volume is adjustable by changing the internal orifice ring.



Generation air flow controller

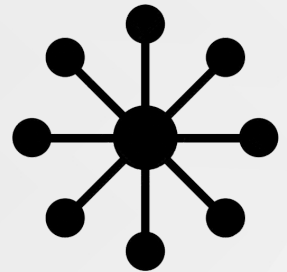
The FlowMaster 50 with the integrated filter regulator gives precise control to the air pressure and flow rate.



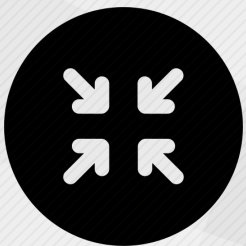
PRECISE CONSISTENT GENERATION

Combination of automatic liquid syringe pump and air flow controller, precise control of mist generation amount can be controlled.

VARIETY OF AEROSOL CHARACTERISTICS



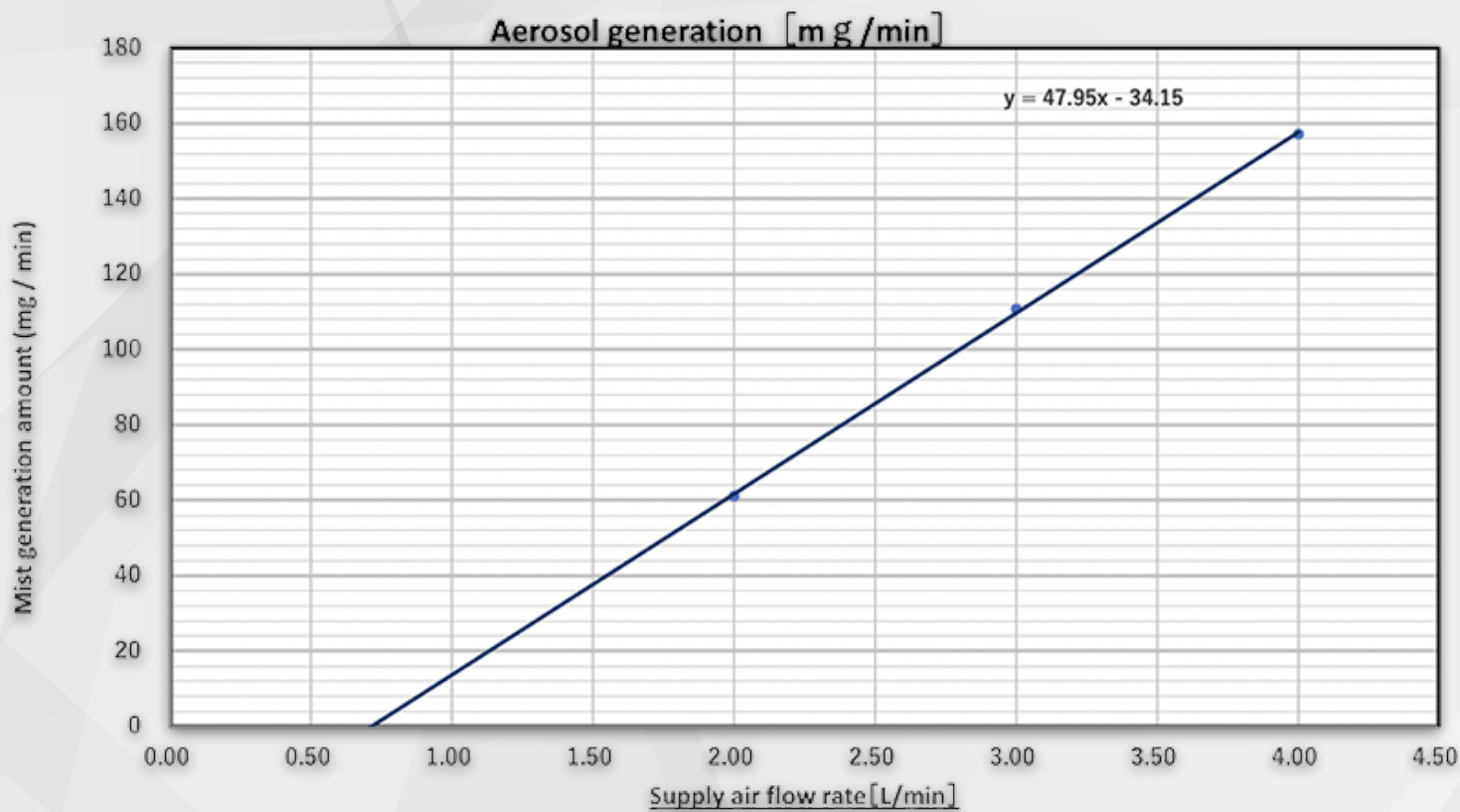
By changing orifice ring of generation unit, various generated particle amount can be controlled.



SMALLER SCALE

Smaller controllable scale such as nanomaterials.

GENERATION AMOUNT



SPECIFICATION

	AG-5
Generation method	2 fluid atomizer + automatic liquid syringe pump
Generation air flow	2-20 LPM
Generation amount	approx. 60mg/min – 500mg/min
Particle size	mean 5 μ m
Operational time	up to 100 minutes with automatic liquid syringe pump setting (60ml syringe) up to over 8 hours without automatic liquid syringe pump
Concentration control	by liquid syringe pump speed