

## VACU-SHIELD TRAPS AND FILTERS

# PARTICULATE SEPARATOR

The Particulate Separator is ANCORP's recommended filter for particulates greater than 100 microns. Particulate filters use gravity and a series of baffles to separate large particles from their gaseous carriers.



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## Product Features

**Port terminations:** ISO-QF

**Electropolished wetted surfaces:** Facilitates cleaning and servicing and promotes system cleanliness.

**Media:** Gravity and internal stainless steel baffle

**Applications:** Suitable for dusts and particulates greater than 100 microns. Also an excellent solution for backsiphoning "accidents".

## Test Results

The following test results show the retention of particles during 10 minute pump downs using 30 to 50 grams of particulate grit.

| PARTICLES (SIEVE SIZE)        | RETENTION OF PARTICLES                  |
|-------------------------------|---|
| 1.7MM to 710 um "Silica Grit" | Complete retention of particles in trap |
| 150UM to 90um "Glass Beads"   | 98% retention of particles in trap      |

*Data from METRA, INC.*

## ISO-QF Particulate Separators

Particulate Separators feature QF25 and QF40 port terminations for both the inlet and pump ports.

| PART #  | REFERENCE ID  | A    | B     | C    | D    | CONNECTION  |
|---------|---------------|------|-------|------|------|-------------|
| 7500601 | VSPS-300-QF25 | 3.00 | 12.00 | 3.14 | 3.14 | QF25 FLANGE |
| 7500605 | VSPS-400-QF40 | 4.00 | 14.00 | 3.14 | 3.52 | QF25 FLANGE |

**Note:** Other flange configurations available upon request.

