FEATUES OF ALL N-CON PRECIPITATION SAMPLERS

Reliable Wet and/or Dry Deposition Sampling

- Infrared precipitation sensor responsive to light snow, drizzle or heavy fog
- Heavy duty drive motor for reliable operation in all weather conditions
- Compact design minimizes splash from exterior surfaces
- Setup requires no special tools or calibration

*ADS (Model 120) approved for all NADP NTN sites. GS/TM (Model 125 & 127) approved for NADP MDN sites.

**INFRARED PRECIPITATION SENSOR:**
- Does not "hunt" under marginal precipitation conditions
- Opens within 5 drops of onset of precipitation
- Closes within 25 seconds of end of precipitation
- Heated lid prevents snow/ice build up

**DATA RECORDER OUTPUT:**
- Two unpowered, normally open contacts indicate system power on and sample in progress

**MOUNTING:**
- Direct mounting on 2" NPS pipe (user provided)

**HOUSING:**
- Powder coated aluminum
- Padlockable

Custom Configurations
- Our design team is available to help configure custom collectors and sample trains to meet your specific needs.

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T 706.389.9600  800.932.6266  F 706.286.8814
OVERVIEW

Collection of uncontaminated wet deposition samples is essential to precipitation chemistry validity. N-CON Systems’ family of precipitation collectors offer a range of sampling solutions.

The ADS bucket-style collector comes standard with support for both AC and DC operation. DC operation allows for deployment in even the most remote locations with a user-supplied battery and solar panel array.

The GS and TM collectors provide an insulated, thermostatically controlled sample chamber. Chimney heaters and the optional snow roof ensure reliable operation in colder climates. An optional thermoelectric cooler is available when precise temperature control is required.

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ADS BUCKET-STYLE COLLECTOR
WET AND/OR DRY DEPOSITION SAMPLING

**ADS Deposition Sampler Includes:**
- **120/240 VAC or 12 VDC operation**
- One 3.5 gallon polyethylene bucket with lid
- Polyethylene lid seal pad
- 8' AC power cable
- 30' data recorder output cable
- Installation and maintenance tool kit
- Operation can be reversed for dry deposition collection

**Available Options Include:**
- Dry deposition add-on (not approved for NTN sites)
- DC cable for 12 VDC operation
- Teflon® lid seal pad

See current pricelist for available options and accessories.

GS SINGLE CHIMNEY COLLECTOR
MERCURY & GENERAL PURPOSE SAMPLING

**GS Deposition Sampler Includes:**
- **120/240 VAC operation**
- Thermostatically-controlled chimney & housing heaters
- Insulated housing with thermostatically-controlled exhaust fan
- 3” disk adjustable bottle support
- 8” AC power cable
- 30’ data recorder output cable

**TM DUAL CHIMNEY COLLECTOR
MERCURY & TRACE METALS SAMPLING**

**TM Deposition Sampler Includes all GS Features Plus:**
- Dual sample train paths
- Two 3” disk adjustable bottle supports

**GS / TM Options Include:**
- Dry deposition add-on (field upgradeable)
- Thermoelectric cooling
- Removable snow roof
- Borosilicate glass and HDPE sample trains

**MODEL 125 GS**

**MODEL 127 TM**

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