

CF-970T Series

Timer Controlled, Portable HI-Vol Air Samplers

- Timer Controlled Grab Sampling
- Timing from .01 Sec. to 9,999 Hours
- Six Programmable Operating Modes
- 2-Stage Blower, Brushed Motor
- Manual Speed Flow Control
- For Continuous or Intermittent Use
- Instantaneous Flow Reading
- Motor Cooling Fan
- Air Sampling with Programmable Digital Timer

The CF970T-Series Air Samplers provide sampling time ranges from 0.01 seconds to 9999 Hours. Time ranges and operating modes are selected by front panel programming. There are eleven programmable time ranges and six programmable operating modes (i.e.: delay, interval, single shot,...). The programmable versatility makes the CF-970T ideal for grab and intermittent assay of particulate and radioiodine. Specify intended filter media type and desired flow ranges/units upon ordering.



Motor/Pump:	Brushed, 2-Stage Centrifugal Blower.
Housing:	8¼" x 10" x 11½", aluminum cabinet, primed and painted with two component polyurethane paint.
Max Flow Rate: (CF-971T)	12 CFM (w/ FP2063-20) & 6.5 CFM (w/ FP5211-20)
Max Flow Rate: (CF-972T)	35 CFM (w/ FP2063-102) & 22 CFM (w/ FP5211-102)
Max Flow Rate: (CF-973T)	60 CFM (w/ FP2063-810, 8" x 10") & 55 CFM (w/ FP5211-810, 8" x 10")
Unit Net Weight:	11 lbs.
Shipping Weight & Dimensions:	13 lbs., one box 11¼" x 10" x 13¼"
CF-970T-Series Power Specifications:	115 VAC, 50/60Hz., 15.0 Amp 230 VAC, 50/60Hz., 7.0 Amp
Filter Holders & Adapters:	See Filter Holders
Flow Calibrator:	See Air Flow Calibrators
Filter Paper:	See Filter Paper For Air Sampling
Filter Cartridges:	See Analytical Cartridges
Annular Kinetic Impactors:	See Size Selective Inlets

Ordering Information

CF-971T

Flow Range: 2-12 CFM (60-340 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 1½" Female Straight Pipe Thread for "CF" series holders.

CF-972T

Flow Range: 5-35 CFM (150-1,000 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 4" Dia. filter paper only holder.

CF-973T

Flow Range: 10-50 CFM (300-1400 LPM, special request) HI-VOL Air Sampler, 115VAC. Includes 4" Dia. filter paper only holder which accepts the "CF" series 8" x 10" holder.

230 Volt version of units described above.

**CF-971T/230, CF-972T/230,
& CF-973TBRL/230**

CF-970-004

Replacement Motor Brush Set, 2 Brushes/Set.