



F&J SPECIALTY PRODUCTS, INC.

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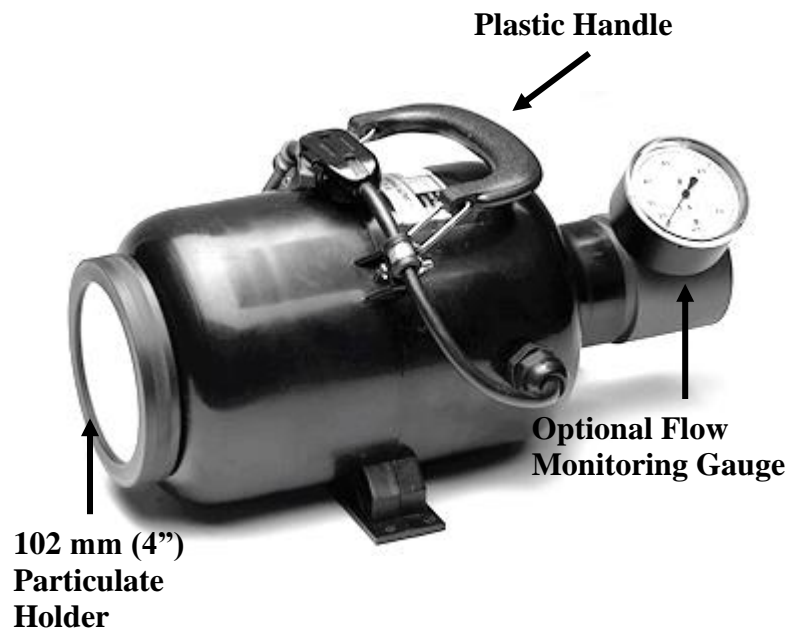
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The Nucleus of Quality Air Monitoring Programs

HIGH VOLUME AIR SAMPLER PLASTIC HOUSING F&J MODEL T9400 and T9400E THE “BUG” STYLE

NOTABLE FEATURES:

- Thermally Protected Motor
- Very durable polypropylene plastic housing
- Lightweight <7 lbs. (3,2 kg)
- Chassis mounted on-off switch
- Affordable for air sampling in highly contaminated areas where disposable use is required
- Powerful 1.2 H.P. dual ball bearing motor
- Optional flow monitoring system
- 100Volt or 230Volt models available



“Thermally Protected Motor”

GENERAL DESCRIPTION:

The T9400 (100VAC) and the T9400E (200VAC) Series Air Samplers are lightweight, compact, high volume air samplers with a two-stage, thermally protected electric motor driven vacuum blower. The unit is equipped with a mounted on-off switch. The T9400/T9400E Air Samplers are equipped with a 4” (102 mm) standard filter holder. Each unit utilizes a heavy-duty polypropylene plastic housing.

REV: 23 February 2021

T9400 (100VAC) and T9400E (200VAC) High Volume Air Sampler

SPECIFICATIONS:

Pump Type:

Two stage, dual ball bearing vacuum blower motor; 1.2 H.P.

Maximum Capacity:

91 CFM under zero load at STP and 120 VAC (230 VAC) line power

Power Requirements:

H9400 – 110-120VAC; 50/60Hz; 9A; single phase

H9400E – 220-240VAC; 50/60Hz; 6A; single phase

Power Cord:

9'; 16 gauge, 3 conductor

Exterior Housing:

Heavy duty polypropylene plastic

Flow Calibration:

Factory established

Flow Measurement:

Optional 10-70 CFM (283-1980 LPM) dial pressure gauge

Dimensions:

11"L × 8 ½"W × 6 ½"H
(27,9L × 21,6A × 16,5 cm Alt)

Weight:

6 lbs. 15 oz. (3,2 kg) without filter holder

Handle:

Durable plastic

Filter Holder:

A durable plastic 4-inch (102 mm) diameter holder is standard.

Note:

This unit should always be used in a fuse-protected electrical outlet.

Maximum Flow Rates:

Various Filter Paper Grades

Grade	4" Diameter	
	(CFM)	(LPM)
FP40	21.77	615
FP40M	42	1209
FP102M2	56.50	1600
Whatman 41	15	425

OPTIONS:

Three Gauge Models Available

Model FM50TA Flow Monitoring Gauge (10 – 70 CFM Scale)

Model FM50TA2880 Flow Monitoring Gauge, Dual Scale (10-70 CFM / 300-2000 LPM)

Model FM50TA2881 Flow Monitoring Gauge, Dual Scale (.5 – 2 CMM / 300-2000 LPM)

Model HV-1SA or HV1SAP Adapter

An adapter to reduce from 4" diameter to 1.83" FPT

Model FJ3104P Combination Filter Holder

Holds 3.4"D × 1.2"H charcoal filter and 4" diameter filter paper

Model FJ2100 Filter Holder

8"×10" particulate filter holder may be utilized directly on the unit

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