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Southern Regional Research Center(SRRC)

“ 가 ” . 가

가 13 99%

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SRRC가 가

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SRRC

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2

가

가

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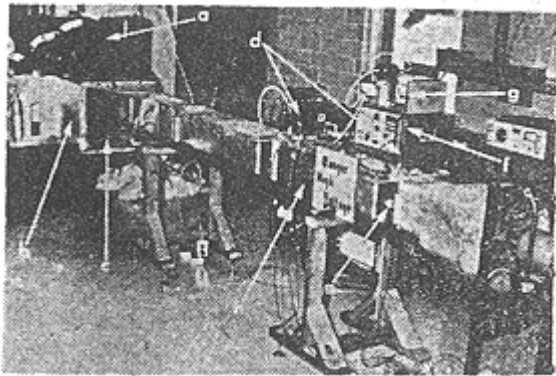
SRRC

가

9

, 가 9

가



< 1>

< 1> (a) , 가 2
(0.9kg/hr) . (b) (c)
가
가 12 0.04

Traversable sampling probe(d)

. probe flow straighteners 가

probe

· (e)가 probe

probe

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Royco

255-5

(f)

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가

5가

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model 3210 A

0.01~10

(g).

0~3mg/m³

0.15

mg/m³

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1

가

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2

가

(h)

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2

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가

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가

가

1 가 1

1 probe

Coulter TA

1.55

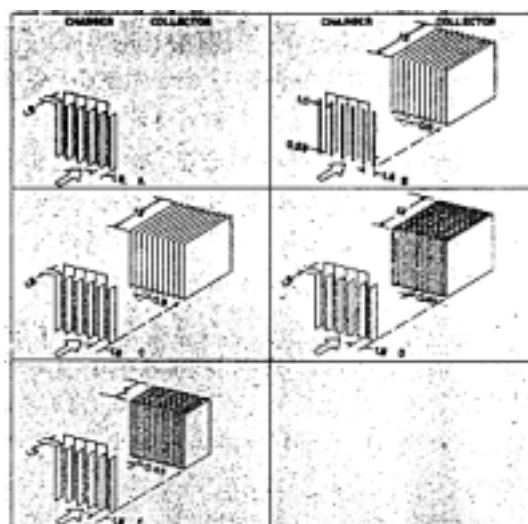
3.57 가

SRRC 가 가 2

0.006 (0.02cm)

가 가

2



2 A~D

가

A~D

()

E

가

가 420f.p.m

99.9%

95%

가

2

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Config- uration ¹	Test duration (hr)	Face velocity (fpm)	Electrical Parameters				Relative humidity (%)	Efficiency		
			Voltage (kV)	Gap (cm)	Current (mA)	Collection field (kV/cm)		Filter weight (%)	Particle counter (%)	Mass monitor (%)
A	2	310	12	2.3	0.87	—	—	69	—	—
	1	420 ²	14	2.3	1.5	—	58	—	95	72
	1	420 ²	12	2.3	1.0	—	58	—	65	38
B	2	280	12	2.5	0.4	6.8	—	58	80	—
	2	450	12	2.5	0.4	6.8	—	—	72	—
C	2	450	12	2.3	0.9	6.8	—	73	87	—
D	4	280	12	2.3	1.0	13.6	58	69	99	—
	13	280	12	2.3	1.0	13.6	68	82	99	—
E	1	429 ²	14.5	2.3	1.7	8.6	59	—	99	68
	2	420 ²	14.5	2.3	1.7	12	59	—	99.9	95