

Sampling times and correction factors of the applicable detector tubes for SH-20N/SH-20C

Tube No.	Gas to be Measured	Sampling time/100mL * () Sampling time for 50mL	Correction factor
159SA	Oxygen	4 minutes	1.25
103SC	Sulphur dioxide	2 minutes	1
103SD	Sulphur dioxide	2 minutes	1
103SG	Sulphur dioxide	4 minutes	1
126SA	Carbon dioxide	7 minutes(5 minutes)	1
126SF	Carbon dioxide	3 minutes(1.5 minutes)	1
126SH	Carbon dioxide	2.5 minutes	1
117SA	Nitrogen dioxide	3 minutes	1.15
175SA	Nitrogen Oxides	2. minutes	1.25
175SH	Nitrogen Oxides	1.5 minutes	1.35
175U	Nitrogen Oxides	2 minutes(1 minute)	1.4
105SB	Ammonia	2 minutes	1
105SE	Ammonia	2 minutes(1 minute)	1
105SH	Ammonia	2 minutes	1
106SA	Carbon monoxide	4 minutes	1.25
106SC	Carbon monoxide	6 minutes	1.3
106SS	Carbon monoxide	2 minutes	1.45
106UH	Carbon monoxide	3 minutes	1.7
120SB	Hydrogen sulphide	2.5 minutes	1
120SC	Hydrogen sulphide	1.5 minutes	1.3
120SE	Hydrogen sulphide	2 minutes(1.5 minutes)	1.15
120SF	Hydrogen sulphide	2 minutes(1.5 minutes)	1.1
120SM	Hydrogen sulphide	2 minutes(1 minute)	1
120U	Hydrogen sulphide	2 minutes(1 minute)	1.1
130U	Mercaptans	2 minutes(1.5 minutes)	1.1
164SA	Methyl mercaptan	2 minutes	1
165SA	Ethyl mercaptan	2 minutes	1
125SA	Propane	6 minutes	1.45
110S	Gasoline	2 minutes	1.25
187S	Hydrocarbon	3.5 minutes	1
113SA	n-Hexane	2 minutes	1.25
113SB	n-Hexane	3.5 minutes	1
168SB	1,3-Butadiene	2 minutes	1
115S	Cyclohexane	2 minutes	1.2
221SA	n-Butane	6 minutes	1.15
197U	Cyclohexanone	2 minutes	1.1

Tube No.	Gas to be Measured	Sampling time/100mL * () Sampling time for 50mL	Correction factor
118SB ◆	Benzene	4 minutes	1.6
118SC	Benzene	3 minutes	1.3
118SD ◆	Benzene	4 minutes	1.05
118SE ◆	Benzene	3 minutes	1.2
124SA	Toluene	3 minutes	1.35
124SB	Toluene	3 minutes	1.3
124SH	Toluene	2.5 minutes	1.35
143SA	Xylene	3 minutes	2
143SB	Xylene	3 minutes	1.9
181S	Aniline	1 minute	1.6
178SB ◆	Chlorobenzene	4 minutes	1.2
158S	Styrene	1.5 minutes	1.5
158SB ◆	Styrene	1.5 minutes	1.5
104SA	Ethanol	2 minutes	1.1
119U	Methanol	3 minutes	1
150U	Isopropyl alcohol	3 minutes	1
208U	Isobutyl alcohol	2.5 minutes	1
206U	Cyclohexanol	2.5 minutes	1.15
232SA ◆	Ethylene glycol	2 minutes	1
232SB ◆	Ethylene glycol	2 minutes	1
190U	Ethyl cellosolve	2.5 minutes	1.1
102SD	Acetone	3 minutes	1
139U	Methyl ethyl ketone	3 minutes	1
139SB	Methyl ethyl ketone	2.5 minutes	1.15
155U	Methyl isobutyl ketone	3 minutes	1.15
171SB ◆	Formaldehyde	1.5 minutes	1.2
111U	Ethyl acetate	3 minutes	1
211U	Methyl acrylate	3 minutes	1.25
184S	Methyl methacrylate	3 minutes	1.15
134SA	Trichloroethylene	3 minutes (1.5 minutes)	1
135SA	Tetrachloroethylene	3 minutes (1.5 minutes)	1
152S ◆	Chloroform	4 minutes	0.85
128SD ◆	Acrylonitrile	2.5 minutes ※4 and 5 pump strokes (Sampling volume :400mL and 500mL) is not available for SH-20C	1.15

※ Some detector tubes can measure various gases with a conversion chart or correction factors in the specifications. However, other than the gases of listed on the table are not available when using the SH-20N / SH-20C

※ ◆Dual tube (detector tube and pre-treat tube) type. Use the SH-20C.