

Standard Gas Analysis by Gas Chromatography

1. Analytical Condition

YL 6500 Series

Oven : 35 °C(7min) →15 °C/min→170 °C(5min)

->100 °C/min->35°C(2min)

Column : Molecular sieve 13X, 1/8", 3ft, 45/60 mesh (No.13047-U)

Porapak N, 1/8"*10ft, 80/100 mesh (No.13052-U)

Carrier gas : He, 15 ml/min

Injector : 120°C

Detector : TCD(120°C, Sen=9, Ref 30), FID(230°C) (Serial connection)

Methanizer : 350 °C

Injection Volume : 250ul

Valve Program : GSV 1 Off, GSV 2 Off => 0.1 min GSV 1 On => 6.4 min GSV 2 On

Signal Change : 3.5 min (TCD -> FID)

2. Chromatogram

