

Standard Gas Analysis By Gas Analysis System

1. Analytical Condition

YL 6500 Series

Oven : 35 °C(7min) → 15 °C/min → 100 °C(6min)

-> 100 °C/min -> 35 °C (3min)

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 : Ar, 15 ml/min

Injector : 150 °C

Detector : TCD(120 °C, Sen=7, Ref 20), FID(220 °C) (Series Connection), Methanizer : 350 °C

Injection Volume : 500ul

Valve Program : GSV 1 Off, GSV 2 Off => 0.1 min GSV 1 On => 5.8 min GSV 2 On

Signal Change : 3.2 min (TCD -> FID)

2. Chromatogram

