Overview

S[illegible]SK-WFS well plant logging instrument mind - cins /temp[illegible] n/ ed [illegible]

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Features

A working area for logging personnel is available in the logging instrument room to make the working environment more comfortable.

A chromatograph installed at the wellhead to reduce pipeline delay, and achieve faster gas measurement results.

Wireless sensor systems to reduce field wiring and meet rapid installation in multiple wells

Reduce on-site logging personnel and reduce logging costs.

Dual servers at the well pad and base to meet the requirements of remote logging.

Power-on time	⩾15min

Instrument room safety indicators
the insulation resistance between the phase line and the machine room grounding conductor is greater than 2M, and the instrument must be equipped with a good grounding device

- **Gas analyzer**

SK-3Q06 fast chromatograph	
Analysis cycle	30, 90s (user-defined analysis of cycle time)
Test component	C1～nC5
Minimum detection concentration	total hydrocarbon 1×10-6, hydrocarbon
Measuring range	total hydrocarbon 1×10-6～1, hydrocarbon component 1×10-6～1
Methylethane separation degree	⩾ 0.85, obvious separation under the condition of 1% methane mixture (C1/C2 300:1)
Noise	⩽0.5% F.S/h
Baseline stability	⩽1% F.S/h
Repeatability error	⩽2.5% F.S

ChromWizard wellhead chromatograph	
Working area	positive pressure explosion-proof zone 1 and zone 2
Length x width x height (cm)	(H)90×(W)80×(D)30
Weight	50kg (flameproof control box and positive pressure box are independent, with quick on site connection and installation)
Chromatography principle	catalytic combustion
Analysis cycle	60 seconds (C1-C5)
Minimum detection concentration of component	10ppm (C1)
Minimum detection concentration of total hydrocarbon	10ppm (C1)
Carrier gas	air
Degassing method	conventional degasser

- **Software system**

Software system
windows operating system
Chinese, English, Russian, and Spanish versions
Metric and English system and custom units conversion
Rich background application software