

# CHROMWIZARD Wellhead Chromatograph

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### Overview

- ChromWizard wellhead chromatograph adopts explosion-proof design to move the chromatography from the instrument room to the outlet of the shale shaker, which reduces pipeline delay, improves the response speed of the instrument, and transmits data to the logging instrument through wireless/wired signals.

### Features

- Positive pressure explosion-proof design
- Near wellbore gas logging without pipeline delay
- Only air is needed without hydrogen, nitrogen and other auxiliary gas equipment
- Modular design, with the weight of each one not exceeding 30kg for easy on-site installation



### Technical Indicators

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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, and quick on-site connection and installation)
Chromatographic 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
Ambient temperature	-20 - +60 °C
Wireless data transmission and support WITS data transmission	