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# DRM Technic

Suppliers of Gas Analysis Equipment

## ZRJ/ZRE/ZKJ MULTI-GAS ANALYSERS

Fuji ZRJ, ZRE and ZKJ multi-gas analysers are high quality analysers which can measure up to 5 separate gases at once. They can measure NO, SO<sub>2</sub>, CO, CO<sub>2</sub>, CH<sub>4</sub> and O<sub>2</sub> gases.

ZRJ is the general use model, ZRE the high performance model and ZKJ the low concentration model. For the gas ranges that each analyser can detect, please see overleaf.



### FEATURES

- Simultaneous Measurement of up to 5 Gases (4 Infrared Gases plus Oxygen)
- Excellent Long Term Stability
- Fast Response Times
- Compact Size and Simple Operation
- MCERTs and TuV Approval
- Oxygen Measurement Options:
  - Fuel Cell
  - Internal Paramagnetic
  - External Zirconia
- Easy to Read LCD Display with Easy to Use Menu

### SPECIFICATIONS

	ZRJ	ZRE	ZKJ
Mounting	19" Rack	19" Rack	19" Rack
Repeatability	+/- 0.5% FS	+/- 0.5% FS	+/- 0.5% FS
Drift	+/- 2.0% week (zero/span)	+/- 2.0% week (zero/span)	+/- 2.0% week (zero/span)
Flowrate	0.5 l/min (+/- 0.2)	0.5 l/min (+/- 0.2)	0.5 l/min (+/- 0.2)
Inlet/Outlet	1/4" NPT (Female)	1/4" NPT (Female)	1/4" NPT (Female)
Display	4 digit backlit LCD	4 digit backlit LCD	4 digit backlit LCD
Analogue Out	4-20mA DC or 0-1 V DC	4-20mA DC or 0-1 V DC	4-20mA DC or 0-1 V DC
Power Supply	100 to 240V AC 50/60Hz	100 to 240V AC 50/60Hz	100 to 240V AC 50/60Hz
Consumption	Approx. 100VA	Approx. 100VA	Approx. 100VA
Dimensions	483 x 177 x 493 mm	483 x 133 x 418 mm	483 x 177 x 690 mm

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310816/004

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## SPECIFICATIONS

Model	Method	Details	Gases and Ranges
ZRJ	<p><b>Single Beam</b></p>	<p><b>General Use Model (up to 4 gases), ideal for:</b></p> <ul style="list-style-type: none"> <li>Heat Treatment</li> <li>Small Incinerator</li> <li>Fruit Storage</li> <li>Combustion Control</li> <li>Crematoria Control</li> <li>Emissions Monitoring</li> </ul>	<p>NO: 0-500 / 5000ppm            SO<sub>2</sub>: 0-500 / 5000ppm            CO: 0-20ppm / 100%            CO<sub>2</sub>: 0-10ppm / 100%            CH<sub>4</sub>: 0-500ppm / 100%            O<sub>2</sub> (Cell): 0-10 / 25%            O<sub>2</sub> (Para): 0-5 / 100%            O<sub>2</sub> (ZrO<sub>2</sub>): 0-5 / 25%</p>
ZRE	<p><b>Single Beam</b></p>	<p><b>High Performance Model (up to 5 gases), ideal for:</b></p> <ul style="list-style-type: none"> <li>Combustion Control</li> <li>Biomass Boilers</li> <li>Oxidiser Monitoring</li> <li>Crematoria Control</li> <li>Emissions Monitoring</li> </ul>	<p>NO: 0-200 / 5000ppm            SO<sub>2</sub>: 0-20ppm / 10%            CO: 0-200ppm / 100%            CO<sub>2</sub>: 0-100ppm / 100%            CH<sub>4</sub>: 0-500ppm / 100%            O<sub>2</sub> (Cell): 0-10 / 25%            O<sub>2</sub> (Para): 0-5 / 100%            O<sub>2</sub> (ZrO<sub>2</sub>): 0-5 / 25%</p>
ZKJ	<p><b>Dual Beam</b></p>	<p><b>Low Concentration Model (up to 5 gases), ideal for:</b></p> <ul style="list-style-type: none"> <li>Air Separation Plants</li> <li>R+D Projects</li> <li>Gas Manufacturing</li> </ul>	<p>NO: 0-50 / 5000ppm            SO<sub>2</sub>: 0-50ppm / 10%            CO: 0-50ppm / 100%            CO<sub>2</sub>: 0-20ppm / 100%            CH<sub>4</sub>: 0-200ppm / 100%            NO<sub>2</sub>: 0-200 / 2000ppm            O<sub>2</sub> (Cell): 0-10 / 25%            O<sub>2</sub> (Para): 0-5 / 100%            O<sub>2</sub> (ZrO<sub>2</sub>): 0-5 / 25%</p>



**MCERTS Approval - ZRE Analyser**  
 CO: 0 to 125 mg/m<sup>3</sup> & 0 to 1250 mg/m<sup>3</sup>  
 NO: 0 to 268 mg/m<sup>3</sup> & 0 to 2680 mg/m<sup>3</sup>  
 SO<sub>2</sub>: 0 to 571 mg/m<sup>3</sup> & 0 to 5710 mg/m<sup>3</sup>  
 O<sub>2</sub>: 0 to 25% vol & 0 to 10% vol

For more information, please contact our sales department (contact details below)

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