

Shenzhen:

Adress : Room 712, Huaneng Building, Shennan Zhong Road, Shenzhen 518031, China

Tel: (86-755) 83680810 83680820 83680830 83680860

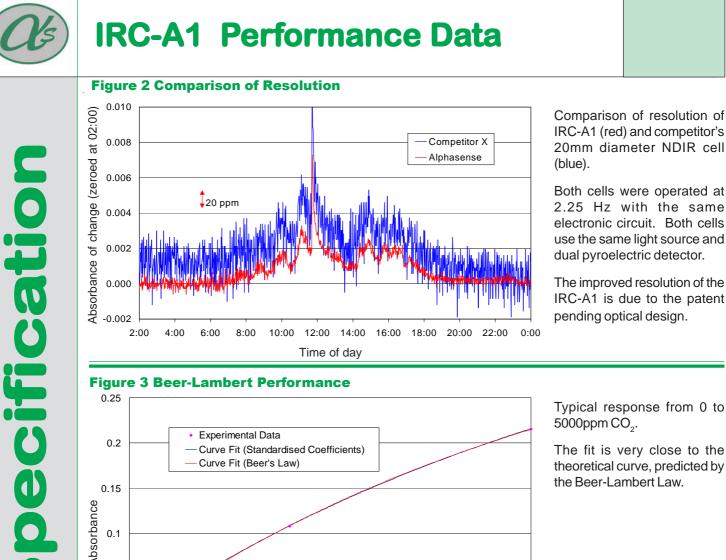
Fax: (86-755)83680866

Adress : Unit 1502, Hollywood Plaza, 610 Nathan Road, Mong Kok, Kln., H.K. Tel : (852) 2737 0903 Fax : (852) 2737 0938 Email : sales@apollounion.com

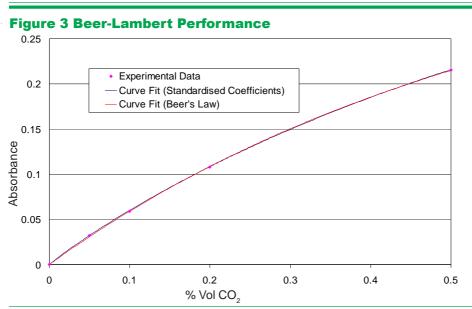
Hong Kong:

Apollosense Ltd

# Apollo

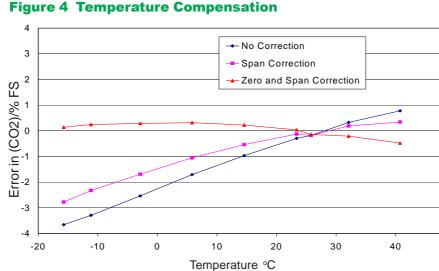


The improved resolution of the IRC-A1 is due to the patent pending optical design.



Typical response from 0 to 5000ppm CO<sub>2</sub>.

The fit is very close to the theoretical curve, predicted by the Beer-Lambert Law.



Temperature compensation corrects for temperature error

in the detector.

Best compensation includes both span and zero correction; span correction can be a universal correction, but zero temperature correction will vary with each cell.

The graph shows error at 5,000 ppm CO<sub>2</sub>.

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-0.002 2:00

6:00

4:00

8:00

10:00

12:00

Time of day

14:00

16:00

18:00

20:00

22:00

0:00

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(86-755) 83680866 Fax :

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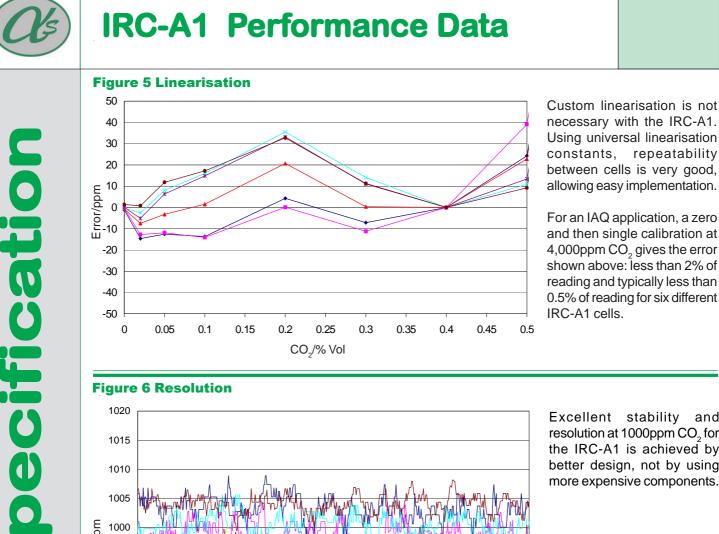
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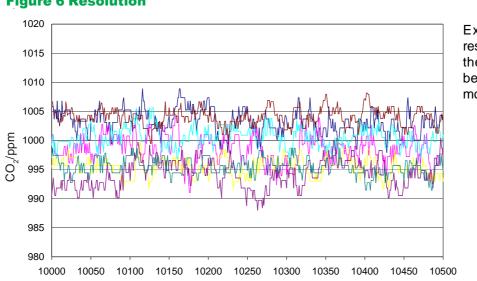
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Data Point

Excellent stability and resolution at 1000ppm CO<sub>2</sub> for the IRC-A1 is achieved by better design, not by using more expensive components.

#### NOTE:

For applications where fluctuating ambient light will fall on the white dust filter (top of sensor), order with the optional ambient light filter (IRC-AF).

At the end of the product's life, do not dispose of any electronic sensor, component or instrument in the domestic waste, but contact the instrument manufacturer, Alphasense or its distributor for disposal instructions

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