

# Eclipse 706GWR: Modernisation Through Adaptation

The adapter that retrofits your Magnetrol Model 705 Guided Wave Radar probes to our state-of-the-art Model 706 platform without disrupting your process



For over 85 years, Magnetrol® products have set the standard for both point and continuous level control on the most aggressive applications throughout heavy industry.

- Facilitates immediate upgrade for your existing Model 705 Guided Wave Radar
- No need to shut down the process vessel to implement our latest firmware & hardware enhancements
- Upgrade support to effect rapid retrofit, improve uptime and meet turnaround and production schedules
- 15 compelling reasons to upgrade to the most advanced Eclipse Model 706 transmitter platform

We at ABLE believe that, wherever possible, realizing the benefits of advancements in any level measurement technology should not come with the added expense of replacing the entire system and not having to wait for a convenient turnaround or shutdown to implement or involve excessive maintenance effort.

This is the rationale behind developing the Model 705 to 706 transmitter adapter and why industries around the world, including power generation, chemical, petrochemical, petroleum refining and pulp & paper, to name a few, have come to value the longevity, robustness and innovation of Magnetrol's Eclipse® Guided Wave Radar family.

The Model 706 adapter integrates seamlessly with the Model 705 probe so our customers you can access the advanced performance and latest diagnostic improvements in guided wave radar technology.

## Advanced Features

1. *Enhanced GWR Signal Strength*
2. *Best in Class Signal-to-Noise Ratio through Patented Circuitry*
3. *Advanced Diagnostics with Troubleshooting Tips*
4. *Robust HF Connection*
5. *Graphic Display with Live Echo Curves*
6. *Automatic Echo Capture on Diagnostic Events*
7. *Automatic Buildup Detection*
8. *Die Cast Dual Compartment Housing*
9. *Enhanced DTM "PACTware"*
10. *HART® 7*
11. *Fast Start-up Time*
12. *End of Probe Analysis*
13. *Echo Rejection Capability*
14. *Standard SIL 2/SIL 3 Certified*
15. *Encapsulated Electronics*

### Registered Address

ABLE Instruments & Controls Ltd  
Cutbush Park, Danehill, Lower Earley,  
Reading, Berkshire, RG6 4UT. UK.

### Reading

Tel: +44 (0)118 9311188 | Email: info@able.co.uk

### Aberdeen

Tel: +44 (0)1224 725999 | Email: ab@able.co.uk

### Web

able.co.uk

### E-commerce

247able.com



### Total Simplicity



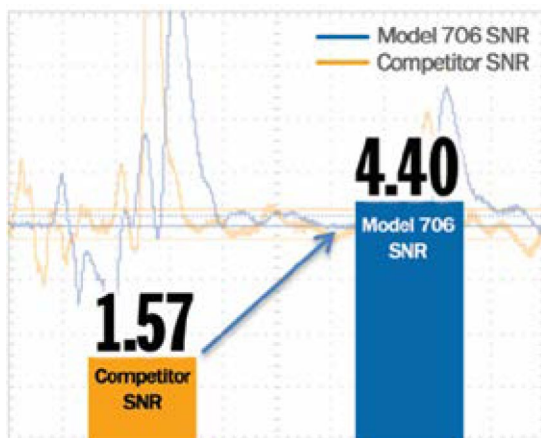
Before

After

- Only 3.5 inches (80 mm) of additional height
- Works with all probe types
- Meets all area classifications
- No special tools, software, wiring, etc.



Streamlined graphical user interface puts the advanced features of the Eclipse® Model 706 at your finger tips, setting the industry standard for ease of use.



Enhanced signal strength coupled with innovative and patented circuitry for best in class signal-to-noise ratio provides optimal performance in the most difficult and dynamic process conditions.

### First Class Support

To meet the exacting standards and expectations of our customers, all upgrades can be supported locally by our factory trained service team.

### Easy Installation

Disconnect wiring and simply remove existing Model 705 GWR transmitter. Thread adapter onto existing probe. Install the new Model 706 transmitter to the adapter and attach power wires. Complete setup using the configuration wizard.

### Our Goal

To supply the most advanced guided wave radar transmitter to optimize those critical level control applications throughout your plant.



### Contact Us

For more information on our Eclipse® Model 706 Guided Wave Radar or to discuss in detail how the hardware & firmware features can improve process performance please contact us: [info@able.co.uk](mailto:info@able.co.uk)

#### Registered Address

ABLE Instruments & Controls Ltd  
Cutbush Park, Danehill, Lower Earley,  
Reading, Berkshire, RG6 4UT. UK.

#### Reading

Tel: +44 (0)118 9311188 | Email: [info@able.co.uk](mailto:info@able.co.uk)

#### Aberdeen

Tel: +44 (0)1224 725999 | Email: [ab@able.co.uk](mailto:ab@able.co.uk)

#### Web

[able.co.uk](http://able.co.uk)

#### E-commerce

[247able.com](http://247able.com)

