

The Gauging Times™

Issue 18

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Introduction

Advanced Gauging Technologies (A.G.T.) was founded in 1997 by the father and son team of Ron and Scott Cook. Their goal was to bring isotope thickness gauging into the 21st century. In the eight years since the first AGT400 system startup, A.G.T. has sold more than 145 gauging systems – strong evidence that customers feel we have delivered tomorrow's gauging system today. In addition to our own gauges, we perform regular service on nearly 300 of our competitors' gauges throughout North America.

The Gauging Times™ is a quarterly newsletter designed to keep current and future customers up-to-date with the latest thickness gauging technology and features, along with the services we offer. In each issue we'll share some of our system's unique capabilities, along with personal profiles, technical tips and glimpses of our future product development.

Personal Profile

In this issue's Personal Profile section of The Gauging Times™, believe it or not, we aren't going to talk about Dan Marchio. Instead, we are going to touch on another five year mark for one of our guys.

Chad Weese was originally hired in 2001 as a Field Service Engineer. His job duties for the last few years have been to maintain, calibrate, and perform radiation leak tests on many of your thickness gauges. Over the years, Chad, like the others here at A.G.T., has assumed more and more responsibility. While he still splits the road work with John, he now takes care of other areas of the business such as administrative responsibilities.



On the personal front, Chad still spends his spare time riding his motorcycle. His daughter Kendall, now approaching her 12th birthday, loves to kick his girlfriend Sonia off and take a ride on his Harley Davidson Ultra Classic. Congratulations to Chad on passing the five year mark here at Advanced Gauging!

Automatic Data Gathering

At the beginning of each coil to be processed, the C-frame is moved on sheet, the Shutter is opened, and the Report Control button is activated. At the end of each coil, the Report Control is deactivated, the Shutter closes, and the C-frame moves off sheet. Using a simple digital input signal (provided by the customer) for triggering, the AGT400 Thickness Gauge & S.P.C. Reporting System can be configured to automatically handle all six of these functions. We call this standard feature 'Automatic Data Gathering', and it can greatly simplify thickness gauge operation, saving you time and money!

**GR200
Technical
Tip**

Over the course of the last 16 years, we have fixed many GR200 Thickness Gauge printer problems. As many of you may know, the GR200 prints in the old dot matrix style of printing. While this was 'cutting edge' a few decades ago, the fact remains that this form of printing is extremely obsolete and can be difficult to maintain as technology continues to leave it behind.

One common problem we see on these printers is a 'garbled' printout. Our tip is always look at your baud rate first. On some GR200's the baud rate should be 9600, and on others it should be 19200. You will have to play around with yours to find the correct setting. Keep in mind that these printers, the RS-Adapt, and its DC power supply fail more often than modern printers. Replacing them can be costly and troublesome, and most importantly, will result in the loss of coil data due to the downtime.

**Leak Tests,
Service,
Spare Parts**

A.G.T. Field Service Engineers are licensed to perform semi-annual inspections and source wipes (leak tests) on all makes and models of isotope thickness gauges. Many of our customers have replaced older obsolete thickness gauges with the AGT400 Thickness Measurement and S.P.C. Reporting System. When this happens, we recycle any old parts that still have some life left in them. Over the last few years, we have been able to amass the largest spare parts inventory in the industry.

We are currently performing full service, and have many spare parts available for the following makes and models of gauges:

Advanced Gauging Technologies AGT400	
D.M.C.	410TAC and 450TAC
Gamma Ray	GR100, GR200 and GR2000
Loral	3500
Measurex	MDX-350
Radiometrie	RM206
Weston	5310

**Online
Brochure**

We would like to remind everyone that our website has the AGT400 Thickness Gauge & S.P.C. Reporting System brochure available for download. Just go to www.AdvGauging.com and click on AGT400. You can view the brochure one of three ways - view Plain Text, view a Full Color Brochure or download a Full Color Brochure.

For Additional Information, or to Request Changes to our Mailing List:

Advanced Gauging Technologies, L.L.C.

8430 Estates Court

Plain City OH 43064-8015 USA

(614) 873-6691 (phone)

(614) 873-6770 (fax)

www.AdvGauging.com (website)

Sales@AdvGauging.com (email)