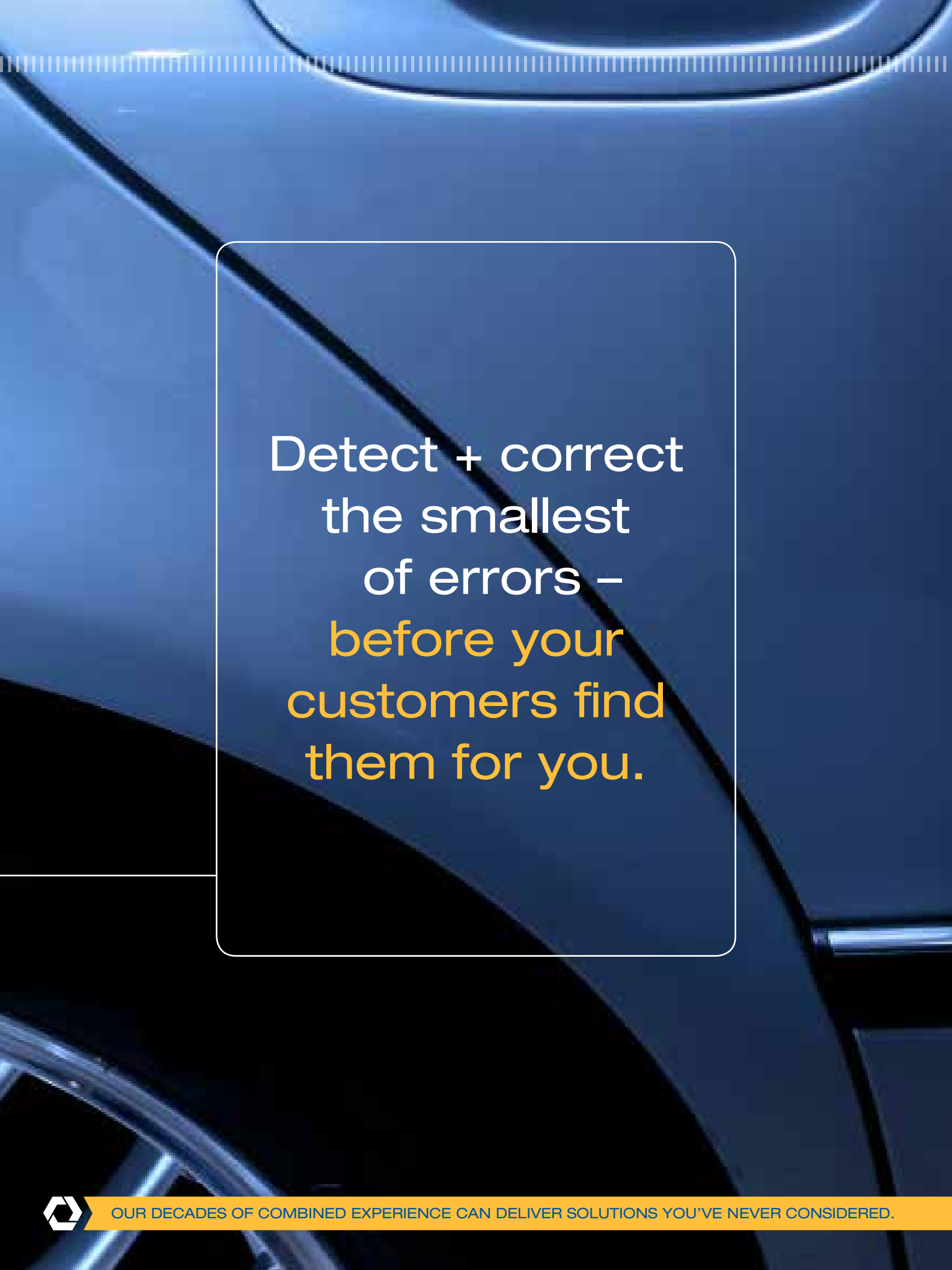
# The Graco Dispense Analyzer powered by Sciemetric®

## Precision Continuous Flow Metering + Dispense System

*Drivetrain Gasketing*

PROVEN QUALITY. LEADING TECHNOLOGY.



Detect + correct
the smallest
of errors –
before your
customers find
them for you.

# An unbeatable system for drivetrain gasketing

## Protect Your Operation – and Your Reputation

In automotive and motor vehicle production, there's a lot on the line. Expensive materials, costly overhead. Any error in material dispensing – especially one not immediately detected – can be catastrophic to the business. And if less than perfect parts slip by and make their way into the marketplace, it's your business and reputation that suffer.

With the Graco PCF and Graco Dispense Analyzer, you can be sure you're armed with the best protection available against product failure.

## Graco Inc. – The Experts in Fluid Handling

In industrial manufacturing, Graco Inc. has long been recognized as one of the world's leading fluid handling experts. In the automotive and motor vehicle industries, the Graco Precision Continuous Flow (PCF) system is preferred for drivetrain gasketing due to the remarkable control it offers in dispensing smooth, precise and consistent sealants and adhesives.

## Sciemetric – Leading Technology in Process Monitoring

Since 1981, Sciemetric has been enabling some of the world's leading automotive, off-highway, industrial and medical manufacturers to gain better control over manufacturing processes and quality control across their entire assembly line. Sciemetric's breakthrough products for leak detection, press-fit monitoring noise, vibration, torque and data management have become critical components in manufacturing assembly lines worldwide.

Graco and Sciemetric have teamed up to create the ultimate system for precise, consistent and reliable adhesive sealing in drivetrain gasketing – *the Graco Dispense Analyzer.*

## The Analyzer Records and Tracks Critical Measurements, Including Entrapped Air

Watch in real time as the Graco Dispense Analyzer records conditions for each dispense.

- Air bubble detection
- Pressure achieve and decay failures
- Average, maximum, and minimum pressure
- Time of dispense
- A variety of custom attributes

## Detect defects you couldn't see before

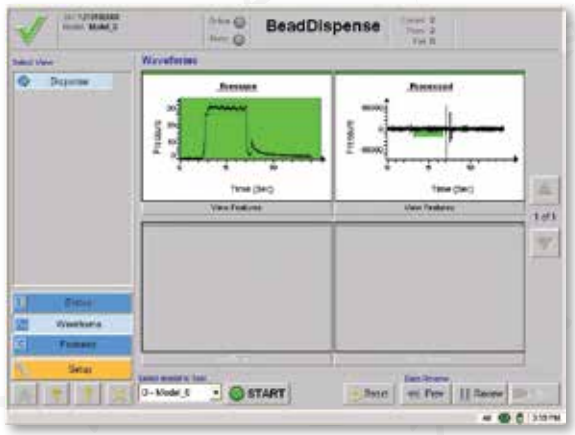
The Graco Dispense Analyzer tracks the conditions of each dispense with a precision not achievable in other approaches, including microbubbles not visible in a vision-reliant inspection system. With data at this level, you can avoid product defects and fully understand the dynamics of your dispense application.

## Avoid expensive problems by responding sooner

Monitor the data during dispense to detect immediately when conditions are off and may potentially compromise your final product. By reacting sooner, you can avoid defects that can lead costly product recalls.

## Quickly and easily find a defect's root cause

If a problem surfaces in the future, you can return to the stored data to identify the root cause and use waveform analysis to more accurately determine how to correct it. The data can be replayed for "what-if" analysis. Generate reports easily to find the root cause faster.




## Save millions: Contain warranty claims and recalls to ONLY those products affected

Because the Analyzer is capable of recording the signature of each dispense and its corresponding serial number, it's easier to locate other products manufactured under the same conditions and limit a potential recall to only those products.

# to a new level

# We've raised gasketing precision

## Easily prove your quality compliance

When customers and regulators require it, you can provide detailed and thorough data stored by the Graco Dispense Analyzer. Moreover, the Analyzer makes it possible to retrieve the data quickly and easily, limiting the overhead necessary to invest in the task, and maintaining your customer's confidence. The system is fully compatible with Sciemetric QualityWorX data-management platform, tying traceability and process control throughout your operation.

## Worldwide support and service

Graco sells and services the PCF and Dispense Analyzer through a network of trained and certified distributors worldwide, who offer relevant experience, product knowledge and responsive service to all our customers. In addition, our technical support staff is available as needed to assist in delivering effective solutions.

## The Graco Dispense Analyzer

- Detects potential problems (air bubbles,flow inconsistencies, etc.) that slip by competitive systems, enabling a faster response
- Flexible system can be easily configured to monitor virtually any application
- Replays precise data from previous runs for easier problem identification
- Plug-in compatible with Sciemetric QualityworX Data Management Systems
- High resolution, full color touch-screen display

## The Graco PCF Metering + Dispense System

- Consistent, continuous flow – no more slow shot meter refill times or expensive, complicated mechanical solutions
- Superior flow control maximizes material, minimizes waste
- Self-diagnostics for predictive and preventive maintenance strategies
- Multiple applicator capabilities – program parameters for up to 16 different applicators
- Intuitive user interface and control options

## Contact us today!

To receive product information or to speak with a Graco representative, call **330-491-4515** or visit us online at www.graco.com/analyzer.

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