



CRAFTSMANSHIP
Where You Need It.
SUPPORT
When You Need It.

Material Process Testing

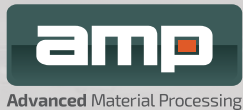
kason / **MARION**

The Value of Material Testing

You may simply want to “try before you buy” Marion and Kason machines. But there is much more value in testing your application at our Iowa-based facility.



Advanced Material Processing (AMP) combines the strength of two highly-respected product portfolios — Marion and Kason — engineered for mission-critical applications. By teaming up two leading industrial processing manufacturers, AMP can address the greater material processing needs of our customers.



There's a reason why so many companies put their trust in our brands. That's because we're happy to let you see our Marion and Kason machines in action, but we also go the extra mile. Our expert application engineers and lab technicians often collaborate with a client to improve their company's production process.

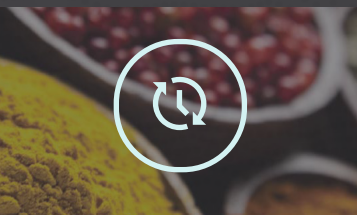
For example, we have found that people regularly mix dry applications much longer than necessary. In fact, we've found cases where a mix could be successful after 4-5 minutes – not the 20-40 minutes the company was previously mixing.

Some Improvements We've Helped Make Through Our Testing:

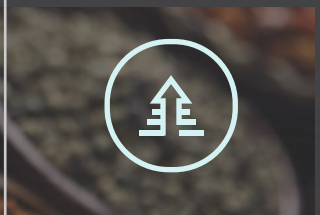
Increased
Throughput



Decreased
Processing Time



Higher Quality
Product



We've even increased our liquid addition testing – whether water or oils – to find the best way to homogenize blends. Whether it's a simple dry mix, a complicated dewatering application or any other number of processes, our tried-and-true lab testing process allows us to be prepared for anything.

Testing with Marion and Kason

For more than three decades, Marion and Kason have been testing and using our expertise to help you get the most out of your process and provide quality analysis to show you're getting a dependable machine. We do everything we can to ensure our equipment is ready to handle your processing requirements upon installation.

And whether it's increasing throughput, decreasing mixing time, improving the quality of your product or any other process improvements, we are proud to be trusted to offer ways that you can improve your production.

We've been doing this long enough and our well-defined process makes sure that you get the results you want. With several machines on site capable of a variety of testing methods, our application engineers work with you to create a game plan that gives you a specific goal heading into the test.

By the Numbers

300

We perform more than 300 tests a year at our facility.

7,200

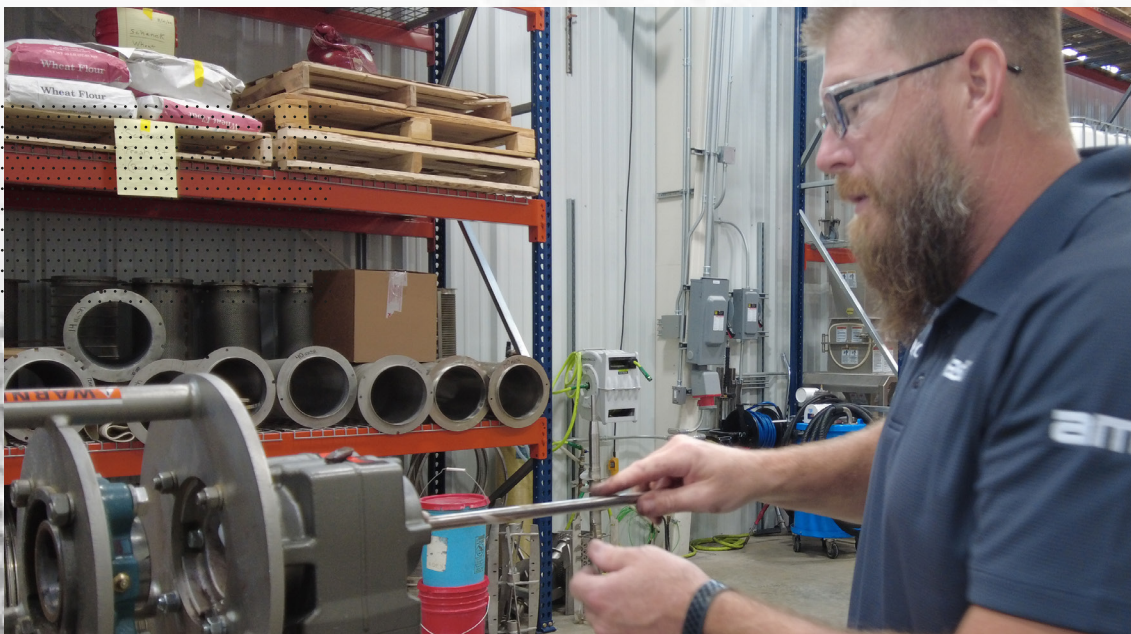
Our testing facility is 7,200 square feet and features a wide range of machines.

25+

Our application engineers have more than 25 years of experience.

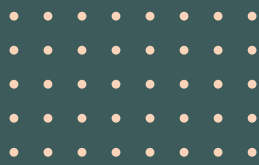
30+

Marion and Kason have been testing applications more than 30 years.



"People tend to be really surprised when they find out our results. We get 'I wasn't expecting that!' a lot."

– AMP Test Facilities Manager



Understanding Your Process Is Our First Step

Our application engineers' deep process and equipment expertise shines through at this critical first stage. We have seen so much over the years, so we know common steps that need to be taken to have a successful test – and what mistakes should be avoided.



What are some challenges you face about your current manufacturing process?



What options would you like to see on your equipment? Would you like any recommendations?



What's your ideal manufacturing process (throughput, growth expectations, upstream and downstream equipment, etc.)?



Most importantly...what defines a successful outcome for you?



How Testing Works: Step-by-Step



1

Reach Out

Go to amprocessing.com/mixers-sifters-screeners click on Schedule a Lab Test and fill out the form.



2

We'll Work With You

An experienced application engineer will work with you to get the details of your process and what you hope to achieve.



3

Our Teams Work Together

Our application engineers work with the testing lab to go over everything involving your test to make sure everything goes as planned.



4

Safety Data Sheet

Our test lab makes sure your SDS review is in order and the waste process is manageable.

Important: Even if it isn't considered hazardous, we need SDS sheets for each and every product we test for you!



5

Test Scheduling

We encourage you to be on-site for the test, but we also have virtual viewing options available.



6

Test Planning

We have a detailed test planning process that our lab technicians go through for each test, laying out specifics of how the test will be conducted.



7

Test Day

This could be minutes or hours, depending on the product, but we run our tests and make any adjustments if needed.



8

Test Summary

We compile all data and videos into a detailed report that will be sent to you and your team.



Next Steps

You can work with Marion and Kason representatives to discuss the next steps of the ordering process.

Our Testing Facility

With all the necessary equipment, expert lab technicians and a sanitary facility, we're proud to show off our Iowa-based testing facility.



On-site Testing Equipment and Capabilities



Multiple paddle mixers • Interchangeable paddles (test all main configurations)

Ribbon mixers • Continuous mixers • Configurable mixers with choppers and spray manifold for liquid additions

Vibroscreens with multiple frames • Centri-Sifters • V-Cone and Double-cone blenders • Fluid bed processors

Size reduction equipment (lump breaker) • Moisture analysis

Thermal processing (drying/cooling) • Moisturizing

If you would like to learn more about Marion Mixers, Kason Centri-Sifters and Vibroscreens, or the testing process, visit the websites below or contact us directly.

Marion: marionsolutions.com/process/testing

Kason: kason.com/lab-testing