



galvalibs 2.0

Advanced bath
management
made easy

tec**nar**

our sensors, your productivity.



Modern galvanizing

Modern continuous galvanizing lines require better bath management. We understand that you need accurate, reliable and fast information to achieve high quality coatings for every coil. Over a decade ago, Tecnar pioneered real-time bath chemistry monitoring. Now, with the galvalibs 2.0, we've made precise chemistry adjustments, tighter level control and improved dross management easy.

Work with the leader in production sensors

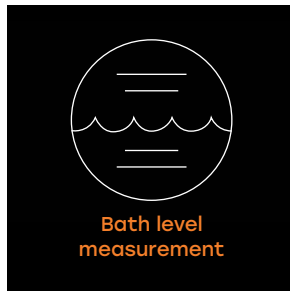
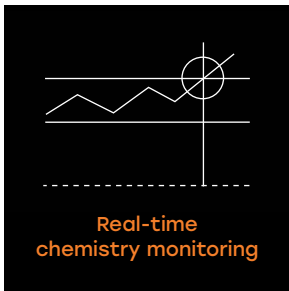
Over the years, Tecnar has earned a solid reputation for introducing online sensing technologies to a variety of industries. Every day, over 700 of our sensors provide better insight to various industries around the world. Today, innovation never stops. Tecnar continually invests in R&D for new products with regular voice-of-customer exercises. And the galvalibs 2.0 is the result of decades of devotion to innovation.



Get the **galvalibs 2.0 advantage:**

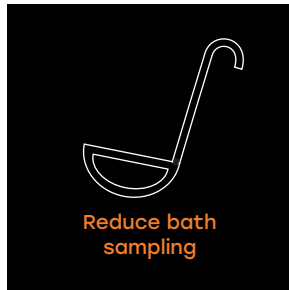
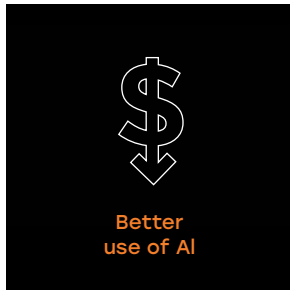
Achieve high-quality galvanized coil

Produce top-quality coils, time after time, by always knowing your bath dynamics. The galvalibs 2.0 gives your operator the power to quickly adjust to bath conditions, maintain the proper chemistry, stabilize the bath level and verify cleanliness for optimal operating conditions.



Produce more efficiently

No more waiting for laboratory results. The galvalibs 2.0 gives operators instant results to decide what to do and when to do it. For example, aluminum losses are easily limited by pinpointing the root causes of your dross formation.



Go for the versatile solution

The galvalibs 2.0 is compatible with:

- galvaneal
- galvanized
- zinc-aluminum-magnesium
- aluminized
- galvalume™

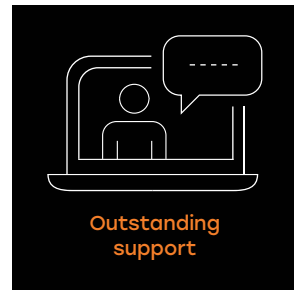
Easy plant interface

Galvalibs 2.0 is ready for industry 4.0. Data from the sensor can be easily transferred to your network for review, from the operator's pulpit to the plant's manager office.



Outstanding support

At Tecnar, we know that time is money. That's why our service team is always available to make sure your galvalibs 2.0 never stops working for you.



Technical specifications

Chemistry

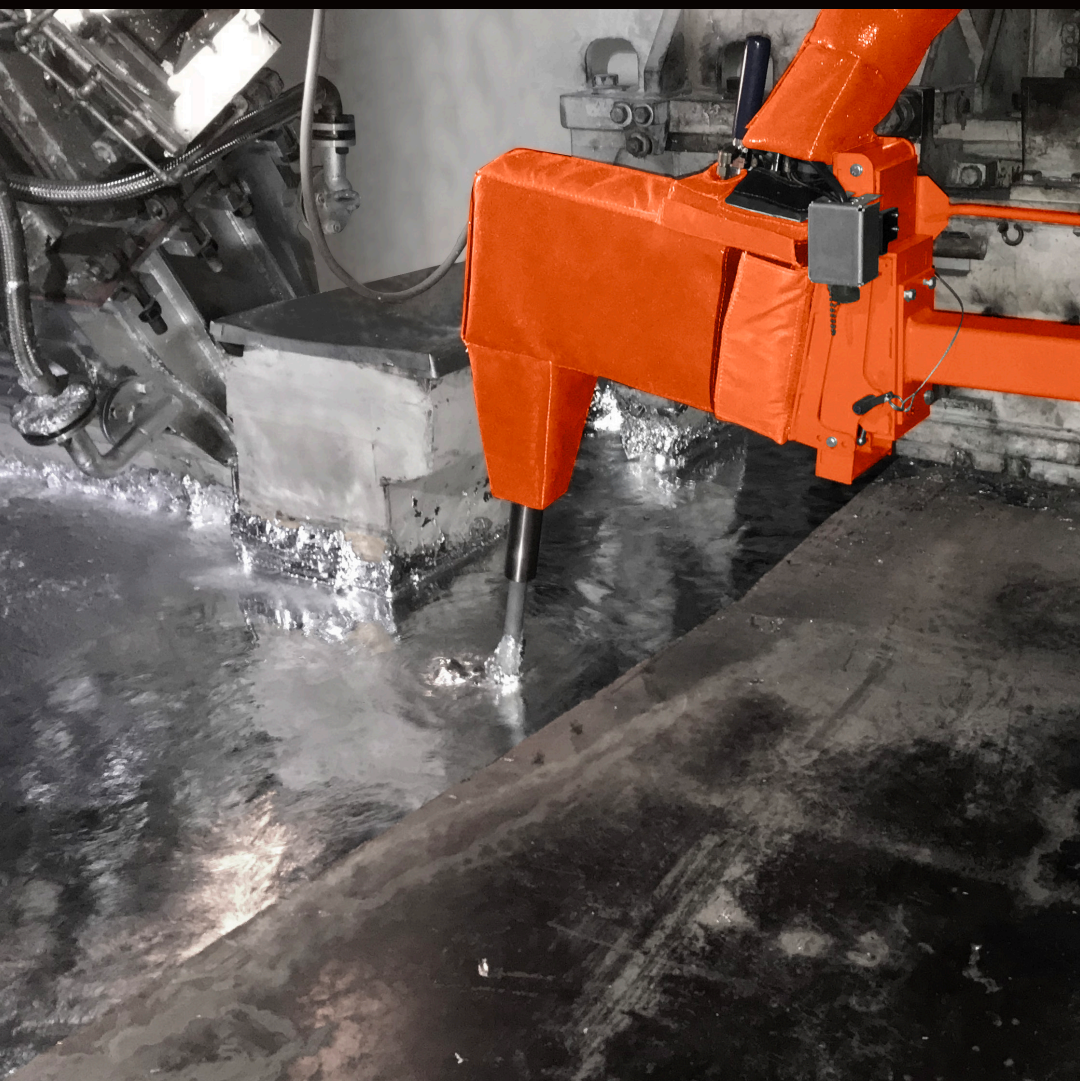
Soluble aluminum	0.010 wt% to 10.0 wt%
Soluble iron	0.008 wt% to 3.0 wt%
Soluble magnesium	0.005 wt% to 5.0 wt%
Soluble silicon	0.005 wt% to 12.0 wt%

Chemistry accuracy

Relative standard deviation	0.5%
Relative 30-day drift	1%

Plant utilities

Argon gas supply	4.8 argon or better at 0.5 to 0.75 lpm
Compressed air supply	15 cfm
Power requirement	200-240 V/15 A
Computer interface	Standard computer running Windows™ 10 or later with Remote Desktop app

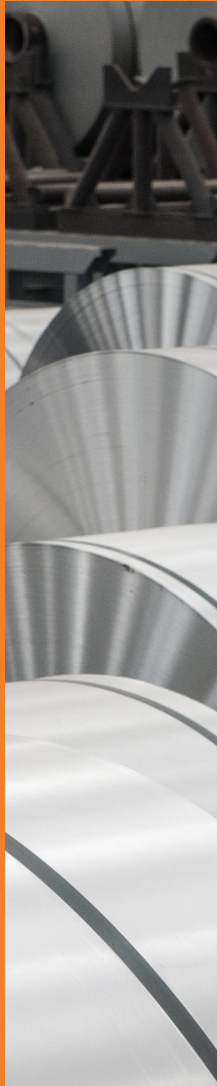


Galvalibs Calibration Unit

Plug-and-play
calibration module
based on certified
reference materials



earlier insight changes everything



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References

AK Steel
ArcelorMittal
Bao Steel
Benxi Steel
Hadeed
Hyundai Steel
POSCO
Tata Steel
US Steel
Voestalpine



“We began a relationship with Tecnar during the early stages of the Galvalibs development to fill a need for real time zinc pot chemist feedback. Over the years, we have worked closely with Tecnar to upgrade to the latest version of the Galvalibs. Tecnar customer service has been a high priority throughout the entire process and they have made several site visits to ensure proper setup, operation and maintenance of the system. Since the initial commissioning was successful and the Galvalibs proved reliable, we purchased a second system. Tecnar continues to hold customer service as a high priority to ensure we have reliable systems.”

Chris Warnement
Pro-Tec Coating, USA