

Are my Chemicals expired?

Do I have everything I need?

When was my pH probe calibrated?

How about my weighing accuracy?

Do I have time to vacuum filter this solution?

Is everyone following the same protocol?

Why did the other lab get different results?

# WHAT IF...

YOU DON'T WORRY ABOUT ANY OF IT?

## WHAT ARE REVO'S BENEFITS

<b>FRESH</b>	LabMinds guarantees only fresh inventory
<b>FAST</b>	Solutions made on request between from 15 up to 45mins
<b>FLEXIBLE</b>	Customizable solution protocols & work flow
<b>HANDS OFF</b>	Only user interactions: ordering via mobile/tablet/ and picking up the bottled solution
<b>AUTOMATED</b>	Solid and liquid dosing, pH titration, self cleaning, self-calibrating, self monitoring, integrated vacuum filtering
<b>INTERFACING</b>	Customizable CIM, ELN and LIMS interfaces; downstream flow integration
<b>HIGH QUALITY</b>	Accuracy and repeatability better than hand-made or ready made solutions; reduced cross contamination risk
<b>TRACEABLE</b>	Chain of custody, data logged beyond GLP requirement; 21 CFR part 11, Allotrope (AFO) compatible
<b>SAFE</b>	Reduced exposure to chemicals; WEL/COSHH tracking
<b>GREEN</b>	Reduced waste and shipping volumes
<b>COST SAVING</b>	Payback in 9-24months



**AUTOMATING LABORATORY RESEARCH FLOW**

**SLAS 2019  
#1604**

[www.labminds.com](http://www.labminds.com)

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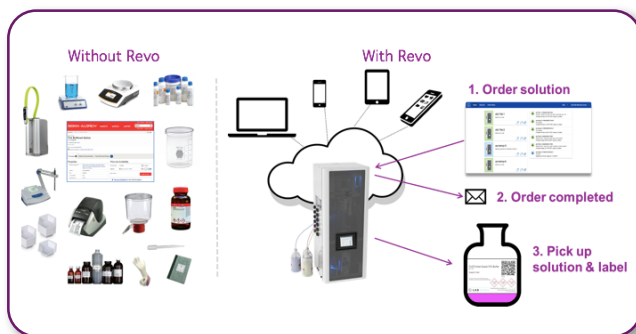
# WHAT IS REVO

## Automated Laboratory Process flow

**Revo** centralizes solution preparation by combining water purification, solid and liquid storage and dosing, mixing, pH control, vacuum filtering, label printing.

**Revo** allows you to order and customize solutions remotely using its web or mobile interface and notifies you when they have been securely dispensed. It offers unparalleled data integration and traceability and provides GHS compliant labels for its prepared solutions.

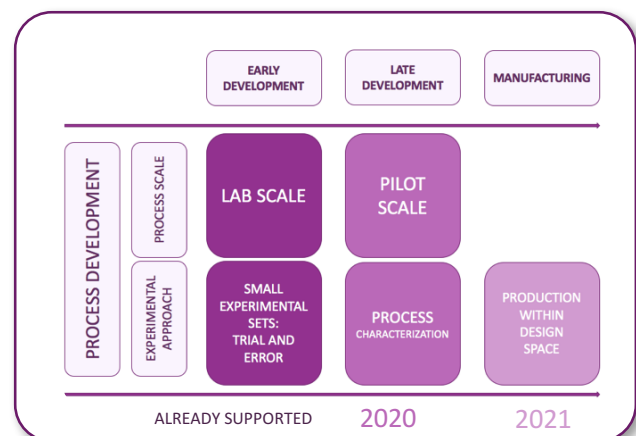
With **full process automation, just in-time preparation of tailored solutions** and a sophisticated predictive maintenance approach, **Revo** releases scientific minds from the burden of procedural lab tasks.



## Pharmaceutical Companies

**From CROs, CMOs to Big Pharmaceuticals** companies Revo's Initial target market is Scientific, biotech and pharmaceutical research laboratories.

Nevertheless the technology also finds application in the Health & Fitness, Food & Drinks, Agriculture Industries.



# WHAT ARE REVO's FEATURES

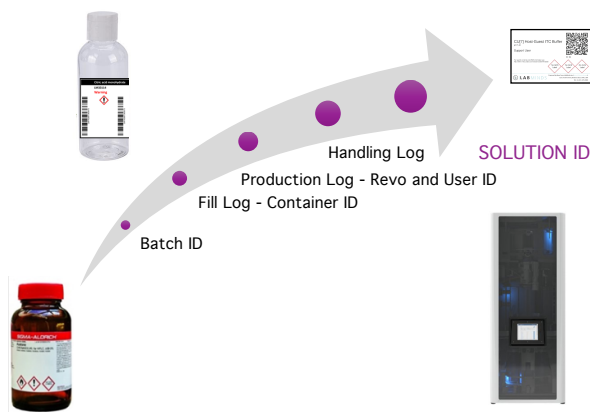
## Connected Device

**Revo's web interface** allows for remote tracking and ordering of customized solution using any web capable device.

Upon completion of the solution preparation, **Revo** notifies the user that the solution is ready for collection. Constant remote access and assisted maintenance.



## Full Chain of custody

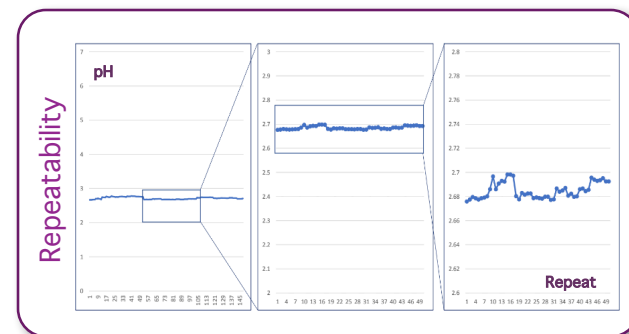
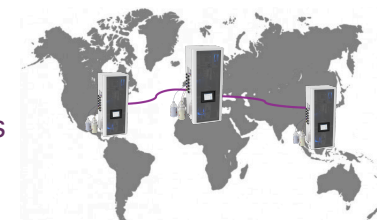


<b>Selection</b>	<ul style="list-style-type: none"> <li>Supplier and Products</li> <li>Alternative evaluation</li> </ul>
<b>Onboarding</b>	<ul style="list-style-type: none"> <li>Compatibility Testing</li> <li>Dosing and cleaning testing</li> </ul>
<b>QA</b>	<ul style="list-style-type: none"> <li>Chemical grade</li> <li>Batch to batch validation</li> </ul>
<b>Chemical Packaging</b>	<ul style="list-style-type: none"> <li>Unique container IDs</li> <li>Container labelling</li> <li>Sealing for storage</li> </ul>
<b>Chemical Logistic</b>	<ul style="list-style-type: none"> <li>Shipping of containers</li> <li>Stock tracking</li> <li>Reordering upon throughputs</li> </ul>

## Repeatability

Are you sure all your labs are following the same processes?

With Solutions in the Cloud, local variants will be eliminated



## Chemical solution library

“CLOSE TO A BILLION OF RECIPES PRELOADED”

- Full access to LabMinds ever expanding core chemicals library
- Easy roll-out of optional chemicals
- Process-controlled roll-out of custom chemicals
- Core Buffer Library preloaded in the system, **over a Million of recipes**

LabMinds solution library is continuously expanding

BUFFER	TRIS	PHOSPHATE	ACETATE	CITRATE	HISTIDINE	AQUEOUS HPLC
<b>CORE VARIANTS</b>	Tris Base Tris HCl	Sodium Phosphate	Ammonium Sodium	Sodium	Histidine Histidine HCl	Formic Acid Acetic Acid
<b>COMMON RECIPES</b>	TE, TBE, TAE, TBS, TEN, STE	PBS, PB, PBS(A), PBS(D)	NaAc-EDTA NaAc Buffer	NaCl buffer	Histidine Buffer	0.1-0.5% Formic 0.1-0.5% Acetic
<b>ADDITIONAL CHEMICALS</b>	Potassium Chloride, Sodium Chloride, Sodium Hydroxide, Hydrochloric Acid					
<b>OPTIONAL CHEMICALS</b>	Hepes, EDTA, Glycine, Ammonium Sulfate, Glycerol, Sodium Bicarbonate, Citric Acid, Boric Acid, Ammonium Hydroxide, Ammonium Acetate, Sodium Sulfate, TCEP, DMSO, TFA, Mannitol, Arginine					

