



# U·Lab MOBILE

**The mobile solution to enhance  
your results & turnaround times,  
freeing up your lab experts  
for high-value tasks.**



Laboratories



Hospitals



**UNITED  
ROBOTICS  
GROUP**

## WHAT IS ULAB MOBILE CAPABLE OF?

**uLab MOBILE** is a mobile collaborative robot that integrates seamlessly into existing lab workflows. It increases efficiency during workload fluctuations and enables the efficient completion of tasks, while navigating safely in various lab settings and environments.

### PRE-ANALYTICAL

- ▶ Transport samples from collection point to labs
- ▶ Receive, sort and poss. unpack samples
- ▶ Preprocess samples, including smart identification and prioritization
- ▶ Load and operate centrifuges, analyzers, and other peripherals
- ▶ Automatically refill reagents for diagnostic equipment

### ANALYTICAL

- ▶ Conduct sample analysis and reflex testing
- ▶ Pipetting
- ▶ Cap and decap different sample types
- ▶ Monitor sample levels

### POST-ANALYTICAL

- ▶ Archiving of samples
- ▶ Disposal of samples



## THE TECHNOLOGY BEHIND



1. **Autonomous navigation** with advanced sensors and navigation technology for safe and efficient movement through complex lab spaces.
2. **uGO software** enables easy connectivity and integration with a variety of lab equipment through standard APIs, including diagnostic equipment and HPLC processes.
3. **Robot task/workflow management** and sequencing through uGO software, streamlining and optimizing lab processes.
4. **Intelligent task prioritization** through smart identification and prioritization technology to ensure critical tasks are completed first.
5. **Human-robot-collaboration** with features such as audio recognition, smart chatbot, and voice command operation for easy and intuitive use by lab personnel.
6. **Modular design** with changeable robot grippers for various tasks, ensuring adaptability to different lab environments.
7. **Human safety and data privacy prioritized** with highly sensitive sensor technology and certifications.
8. **Color recognition & landmark identification** with AI camera for efficient task executions.

### On-site Support:

Receive on-site installation, training, workflow and interface advice linked to your specific use case, ensuring a smooth and successful integration.

Activate your ingenuity  
Connect with NGNY!



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NGNY Devices is an exclusive distributor of uRG products in Spain and Portugal

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