

# marLiN<sub>2</sub>

## Electronic Scale & Liquid Nitrogen Refill System



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**marLiN<sub>2</sub>** is a fully automatic liquid nitrogen refill system based on an electronic weighing scale. It has been designed for use in cryo-crystallography to cooperate with cryo-coolers like the Oxford Cryosystems 6/7/800 series but it can be used for any application with a need to continuously fill up a liquid container from a larger supply by opening a magnetic valve once a minimum fill level is reached and by closing the valve when reaching an upper threshold.

Even better: **marLiN<sub>2</sub>** is a general purpose electronic scale that can be used to trigger some action at given weight thresholds and can easily be customized to deal with specific applications. Please ask us for details.

The heart of the instrument is an extremely versatile controller with full network connectivity and non-volatile memory for instrument configuration. The device can easily be controlled and configured remotely via apps for Android, Windows, Mac OS X and Linux or any web browser.



## SPECIFICATIONS

<p>Weighing Scale:</p>	<p>Weighing range from 0 to 150 kg, supports vessels with up to 465 mm diameter, mounted in solid frame (610 x 500 x 160 mm) with steerable wheels</p>
<p>Controller:</p>	<p>Versatile controller with 24 V output for operating cryogenic valve, optional TTL-output, 0.1 kg display accuracy, 2 x 16 character LCD screen, configurable alarms and push notifications, full network connectivity, RJ45-connector, WiFi</p>
<p>Software:</p>	<ul style="list-style-type: none"> <li>Fully configurable and full monitoring via web browsers</li> <li>Native desktop programs for Windows, Linux &amp; Mac OS X</li> <li>Native app for Android (Kitkat &amp; beyond) available from Google Play Store</li> </ul>