



Take the hassle and inefficiency out of your daily feedings with our **automated system** that scans, feeds, records and tracks all of your wet and dry feeding needs.



Key Benefits

- Compact solution-one Feederbot™ per rack system with minimal intrusion into the aisle space
- Set multiple feeding events per day with customizable weekday and weekend schedules
- Feed delivery parts are easy to remove and clean
- WiFi or ethernet configurable
- Receive email alerts, daily reports, and monitor feeding events remotely from a computer, tablet, or smartphone
- Technician and administrative logins for tiered permission access
- Retrofit solutions for competing and legacy systems coming soon

Battery
powered
operation with
automatic
recharging



Size and Space Requirements

- Requires 10" of clearance above the rack
- Protrudes 8-9" from the front of a rack
- Overall dimensions are:
 - Trolley 9" high, 8" wide, 8" deep
 - (12" high with bottle inserted)

Power and Connectivity

- 24VDC - 4AMP
- Trolley: Battery powered - rechargeable
- WiFi- 2.4Ghz WPA2 and WPA2 Enterprise
- Ethernet
- Web/Cloud enabled/required

Automated Tank Scanning

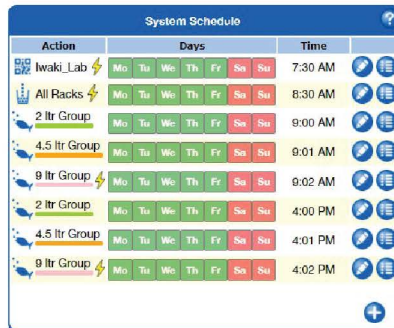
- Location variable - no physical indexing of tanks
- Barcode scanning

Tank Data

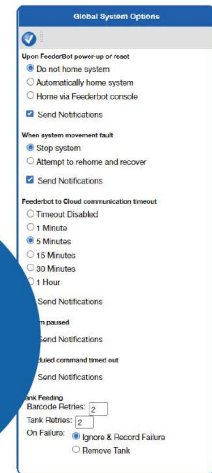
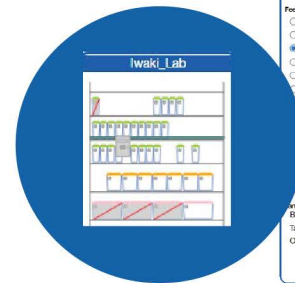
- Time, type and amount of feeding saved for each tank
- Easily change barcodes and keep tank data

Website

- Full schedule editing
- Live status updates
- Visual representation of rack and location of Feederbot
- Visual status of feeding and errors
- Charging status and indicator
- Full action logging
- User notification
- User security configuration
- Full rack, tank and Feederbot parameter management



Action	Days	Time
Iwaki_Lab	Mo Tu We Th Fr Sa Su	7:30 AM
All Racks	Mo Tu We Th Fr Sa Su	8:30 AM
2 ltr Group	Mo Tu We Th Fr Sa Su	9:00 AM
4.5 ltr Group	Mo Tu We Th Fr Sa Su	9:01 AM
9 ltr Group	Mo Tu We Th Fr Sa Su	9:02 AM
2 ltr Group	Mo Tu We Th Fr Sa Su	4:00 PM
4.5 ltr Group	Mo Tu We Th Fr Sa Su	4:01 PM
9 ltr Group	Mo Tu We Th Fr Sa Su	4:02 PM



Dry Feed Container

- Holds 80-90 grams based on feed type/brand
- Options for different caps with different dispensing amounts
- Polycarbonate for ease of cleaning

Wet Food Bottle

- Includes aeration with adjustable output
- Holds 500+ ml
- Easily maintain/clean pumping system
- Clear for ease of feed viewing

Multi-Type Feeding

- Feed liquid and solid food in one scheduled event

Multiple Vendor Racks and Tank Supported

- Iwaki Aquatic
- Pentair/AHAB-(9L tanks interfere with Feederbot)
- Aquaneering-(9L tanks interfere with Feederbot)
- Techniplast
- More to come

About Iwaki Aquatic

Iwaki Aquatic was established as a division of Iwaki America in 2016 to support the aquatic research community. Iwaki Aquatic's mission is to build quality aquatic research systems that are extremely reliable and easy to both use and maintain. Our 60+ years of experience in designing and building controllers and pumps for global water treatment applications, position us as the leader in both technology and value. Our aquatic team includes aquaculture specialists, biologists, engineers and customer service experts with many years of experience supporting aquatic research systems. Our standard aquaria rack systems are designed specifically for the African Clawed Frog *Xenopus* spp. and Zebrafish *Danio rerio*, but over the years our experts have designed and built custom systems for over 150 different aquatic organism. No project is too big or too small.

Contact us today to start your project!

iwakiaquatic.com



ISO 9001 registered company
IALT-00561-C Oct 2022