

Basic Equipment Needed for small QT

1. Used poly tank & cover = \$120
2. Filter, connections, & pump = \$100
3. Air pump, tubing and air stones = \$30
4. Heater & insulation = \$50
5. Dedicated net, and test kits = \$50

Total = \$350 (less than a nice koi)

Basic Quarantine Tank Filtration System

Trickle filter

Trickle filters are the best technology for rapidly maturing maximum bio-filtration.

Oxygen level in trickle system = 21%

Oxygen in submerged filter system = 7-9 ppm (.00008%)

O₂ in Trickle filter is about 3,000 times the level of a submerged system.

Downside is no removal of solid wastes and does not produce clear water.

Best Systems would use both types - mechanical solids removal and Trickle bio-filtration.

Quarantine System Summary

- ❖ **Always Quarantine New or returning Fish**
- ❖ **Maintain a large enough Q-Tank and filter system for your needs**
- ❖ **Be prepared - have extra dechlorinator and Amquel or Ultimate on hand just in case**
- ❖ **Keep your "Q" system running all the time**
- ❖ **Quarantine at 72-76 degrees for 6 weeks minimum with existing fish from your system**
- ❖ **Practice excellent biosecurity or you are not safe-guarding your current collection**