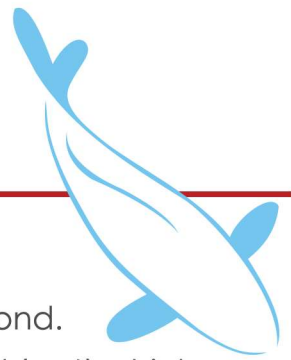


maintenance of Koi Pond



Common salt, Sodium Chloride (NaCl) is commonly used in the health care and maintenance of fishes especially Koi. Salt is useful in treating parasites. It will eliminate seven out of nine parasites that are commonly found in Koi pond.

Most fish have an internal salt concentration of 1.0% or 10 parts-per-thousand (ppt) which is higher than their water environment. Osmosis causes water to transfer from the lower salinity of the pond water into the tissues of the fish. The addition of salt will lower the osmosis pressure thus reduces the effort of the fish in eliminating the excess water. The saved energy is available the fish's own immune system to fight diseases. Salinity close to the internal tissues of the fish will reverse and cause the fish to dehydration.

Salt concentrations between 0.3% and 0.5% (3 to 5ppt) will upset the osmotic balance of some parasites i.e. the parasites' cells will dehydrate. Salt concentration of 0.3% are effective at detoxifying nitrite and concentration of 0.25% or higher has been used to control string algae.

KoiMedic

Product Specification

	%	ppt
Range	0~1.00	0~10.0
Resolution	0.01%	0.1ppt
Accuracy	±0.02	±0.2

Order Code TC9104 KoiMedic Salinity tester



Key Features:

- Direct reading in % or ppt (parts-per-thousand)
- Rugged and water resistant
- Easy to use, just one press to read and readings are automatically locked with a stabilized endpoint reading with temperature compensation
- Simple maintenance with push button calibrations

pH is another important parameter to guard. Lower pH indicates an accumulation of CO₂ while temperature is an indicator of the holding capacity of oxygen. High temperature increases metabolism of Koi and result in accelerated aging, decomposition of left food and excessive excretion. These converts to ammonia and nitrite which are toxic to the fish. The **KoiMedicPro** is a 3-in-1 meter that measures salt concentration, pH and temperature in one go, eliminating guesswork and simplify calculation of salt application and pH balance.

KoiMedicPro

Key Features:

- Rugged and water resistant. Its length allows user to reach water level with ease
- Easy to use, just one press to read and readings are automatically locked with a stabilized endpoint reading with temperature compensation
- Simple maintenance with push button calibrations
- Uses 4 regular AA size battery which offers 50 hours of continuous use
- Economical 3-in-1 replacement sensor



Product Specification

	pH	%	ppt	Temp
Range	0~14.0	0~1.00	0~10.0	0~50
Resolution	0.1pH	0.01%	0.1ppt	0.1°C
Accuracy	±0.2	±0.02	±0.2	±0.5

Order Code

KoiMedic Pro

