

## GROW BETTER

### Nutradip pH Meters for Growers

This meter has dual power sources.

Set the selection switch on the front panel to your desired power source.

Connect your pH probe and turn the ring until it locks.

Plug in your AC power if necessary.

Check your calibration with the provided Nutradip solutions . All meters are factory calibrated. Checking is still a good idea.

And now, you are ready to grow better.

**At Nutradip, we take your growing seriously.**

#### Nutradip pH Meter Specifications

Component	pH
Range	0.0 - 14.0 pH
Accuracy	± 0.1%
Resolution	0.1 pH
Calibration	2 point manual
Calibration Solution	Nutradip pH4& pH7
Operating Environment	20° to 80° C / - 4° to 176° F

## Nutradip

### Hassle Free One Year Warranty

The Nutradip Hassle Free One Year warranty insures you can spend more time growing and less time thinking about it. Your meter, the probe, the power supply, everything is covered for a full year from date of purchase.



FUTURE HARVEST

#### Nutradip Products & Support

Local phone: 250-491-0255

Toll-free: 866-491-0255

725 Evans Court

Kelowna, British Columbia

Canada V1X 6G4

[nutradip.com](http://nutradip.com)



## GROW BETTER



**nutradip®**

**pH Meter**



# Monitoring your pH levels will help Maximize your : ✓Growth ✓ Health ✓ Yield

## Nutradip pH Meters for Growers



Nutradip pH Meters are the reliable way to measure acidity or alkalinity in your nutrient solution. It is a continuous monitoring pH meter with automatic temperature compensation, and dc power built in for portability. Nutradip meters are engineered

for accuracy and durability, helping growers measure and monitor their success for over 15 years now.

## Introduction

Your new pH Meter will allow you to continuously monitor the pH in your hydroponics reservoirs, tanks, and other critical water supplies. A large 3 digit display, pH measurements 0.0 through 14.0 and automatic temperature compensation, make this the only pH meter you'll ever need.

## Components

- Nutradip pH Meter
- Ac power adaptor
- pH probe with bottle
- 9 volt battery (installed)
- 125 ml Nutradip Calibration pH 4
- 125 ml Nutradip Calibration pH 7
- Blue Calibration Screwdriver

## Calibrating your meter

Prepare a clean workspace  
Fill a small cup or container with pH4 solution and another with pH7 solution, and a third with clean or distilled water for a rinse bath.

Place your pH probe in the pH7 solution and adjust the pH7 adjustor until the reading matches 7.0 on screen, rinse the probe in clean water and place into the pH4 solution then adjust the pH4/10 adjustor until the reading matches 4.0 on screen, repeat this process until both pH4 and pH7 displays match the calibration values of the pH4 and pH7 calibration solutions without needing any more adjustment.

- **Do not mix or re-use the calibration solutions.**
- **Do not force the adjustors to turn past their stopping points.**

## Storage

To ensure the continued usefulness of the pH probe always keep the bulb wet. Fill the rubber cap with Nutradip pH4 calibration solution. Slide the rubber cap over the probe tip until it fits snugly.

## Cleaning the Probe

Heat a diluted Potassium Chloride (KCl) solution to 60-80°C. Place the tip of the pH probe into the heated solution, and let sit for about an hour. Remove the pH probe from the solution and let it cool to room temperature., and clean with a toothbrush. Rinse the probe with a pH4 solution.



Visit us on YouTube  
for calibration videos and trouble  
shooting procedures.  
Search: Nutradip

## Why manage my ph levels?

Maximizing plant growth requires the pH of your nutrients solution be slightly acidic. Most experienced growers consider the ideal pH for most crops somewhere between 5.5 and 6.5, depending on the growing media used and the specific stage of growth. Acid content can reach unacceptable levels when nutrient solutions are mixed with poor quality water, or when pH unstable media is used. You need to correct this! Nutradip pH meters let you know exactly where your pH levels are at any point of your grow cycle, and adjust accordingly ensuring maximum growth, health and yields are possible.

## Why is it so important?

Your nutrient pH is extremely important because it affects the availability and absorption of several atomic elements needed for plant growth. Maximum absorption of these elements is found at pH readings 5.5 to 6.5. When pH falls below this range many of the macro elements N, P, K, for example, become less available, and absorption of the micronutrients can reach toxic levels, severely limiting your plants ability to reach its full potential, and quite possibly **harming them**.

Technical Support Toll Free : 866-491-0255

Email Warranty & Technical Support

warranty@extremegrowing.com

Website : nutradip.com