



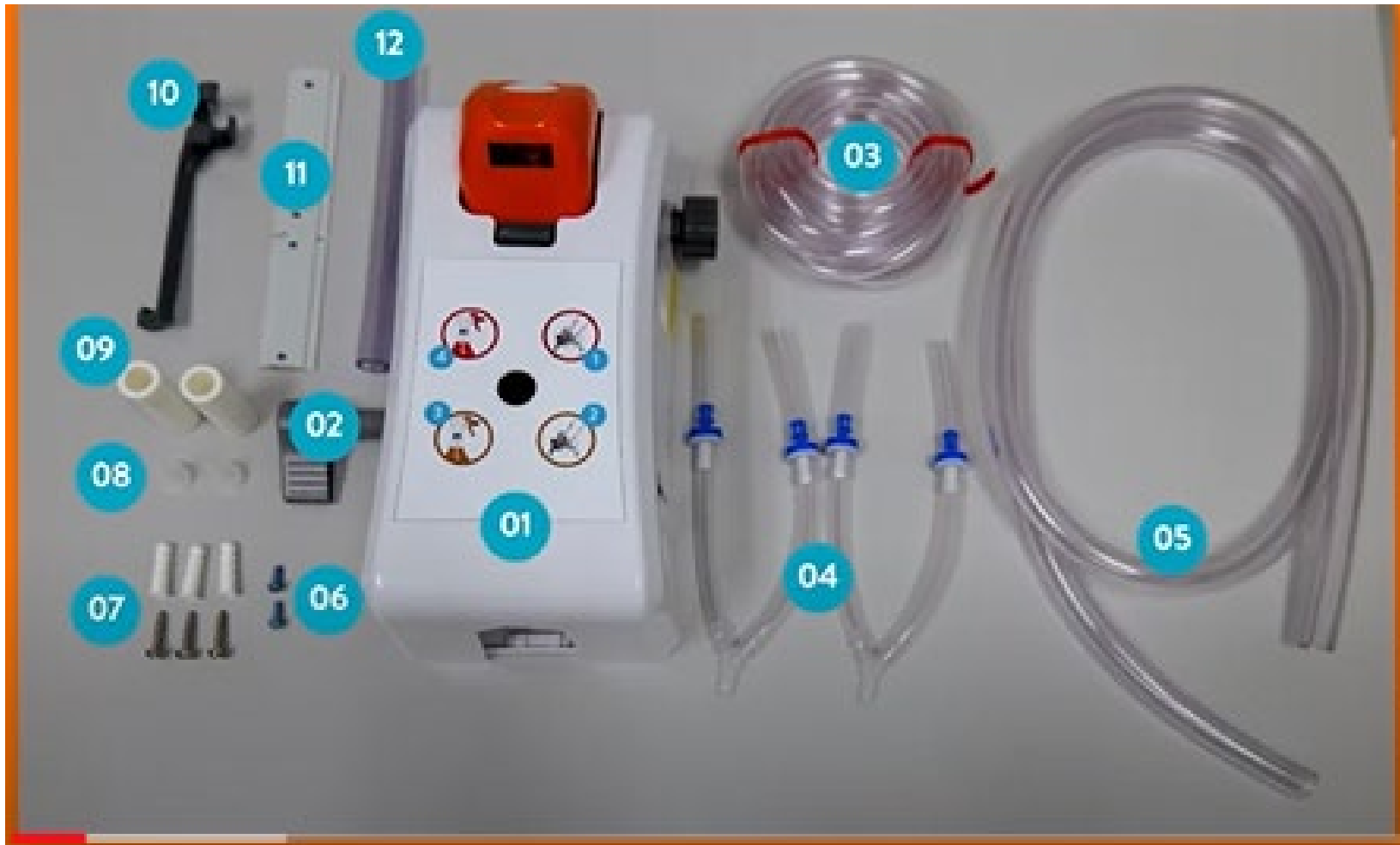
Hydro Mixing Station Training and Maintenance



Meeting Agenda

- Hydro Unit and Accessory Kit
- Parts, Maintenance, and Prevention
- PPE – OSHA compliance requirement
- Dilution Test
- Other considerations
- New Training Tools
 - Printed Materials: FAQ, Dilution Test, Water Pressure Test
 - Training Videos: Setting up the Hydro, Performing a Dilution Test, Performing a Water Pressure Test
 - Hydro Tune-Up Kit

Hydro Unit and Accessory Kit



- 01 - Main Hydro Unit
(Includes mounting plate, cover, and push button)
- 02 - Knob
- 03 - Pick-up Tubing
- 04 - Y Assembly with Valve (2)
- 05 - Long Discharge Hose
- 06 - Screws (2)
- 07 - Wall Anchor & Screws (3 ea)
- 08 - Pick-up Strainers (2)
- 09 - Ceramic Weights (2)
- 10 - Hose Hook
- 11 - Mounting Bracket
- 12 - Short Discharge Hose

Purple and Orange Metering Tips (2 ea), assembled into the Hydro main unit (not pictured)

Parts, Maintenance, and Prevention



- **Metering Tips:** Regulate the amount of cleaning product being diluted.
 - New updated orange tips (mop bucket) replace brown tips for improved dilution.
 - If product is over-diluted (not enough cleaning product).
 - Product doesn't look right – Product doesn't smell right
 - Replace tips. Product may have crystalized and may be blocking the tip.
 - If product under-diluted (too much cleaning product).
 - Check to make sure metering tips are fully inserted into Hydro unit.
 - *Maintenance & Prevention Tip– Add water flush to deep clean List (weekly)*



Parts, Maintenance, and Prevention

- **Y assembly with valve (2):** Prevents air from entering Hydro Unit, Holds product “up” into the pick-up tubing.
- If unit is not “pulling” product up the tube or if air bubbles are present when unit is in operation.
 - Check to make sure Y assembly w/ valves are fully inserted into Hydro unit and securely connected at “Y”.
 - Replace Y assembly in tandem with metering tips. Product may have crystalized and may be blocking the valve. There may be a hole in the tubing.
 - *Maintenance & Prevention Tip– Add water flush to deep clean List (weekly)*

Parts, Maintenance, and Prevention

- **Pick-up Strainer (2)** : Filters dirt, hair and debris from the cleaning product supply.
- **Ceramic Weights (2)** : Keep pick-up tubing at bottom of cleaning supply, reducing the introduction of air to the unit
 - If product is over-diluted (not enough cleaning product).
 - Product doesn't look right – Product doesn't smell right
 - Remove pick-up strainer and wash with water, inspect for damage.
 - If pick-up strainer or weights are missing, replace parts.
 - Check to make sure pick-up strainers are fully inserted into the pick-up tubing.
 - *Maintenance & Prevention Tip– Clean and Inspect parts quarterly*



Parts, Maintenance, and Prevention

- **Inlet Strainer Washer:** Filters dirt, debris and hard water from water source.
- Located inside the inlet for the water hose on the right side of the unit.
 - If unit is not “pulling” product up the tube
 - Check for hard water. Remove the inlet water hose from the unit.
 - Inspect the inlet looking for white chalky build-up or debris.
 - Clean the Inlet Strainer Washer with water or a soft bursh. Replace if damaged.
 - *Maintenance & Prevention Tip– Clean, inspect or replace quarterly*

Image shows
Front and back



PPE – OSHA compliance requirements

Wear eye protection and gloves when handling concentrated Banner and Lemon Maxim Disinfectant

This is an OSHA compliance requirement



Dilution Test

- **What is a Dilution Test?**
 - The dilution test measures the cleaning product to water ratio flowing through the unit.
- **What is the proper dilution for Banner and Maxim Lemon Disinfectant**
 - 2 oz cleaning product per Gallon water
- **How do I perform a Dilution Test?**
 - Measure 2 oz of cleaning product into a bowl, use the Hydro to fill a one gallon container with diluted solution
- **How often should I do a Dilution Test?**
 - Once a Month
 - If you notice improper dilution by observing the color of solutions.
 - If you notice you are using the product faster or slower than normal
 - If the cleaning product is not moving through the tubing
 - *Detailed instructions can be found on Sharepoint, Dogtopia Marketplace.com, refer to printed materials or use QR code*

Other Considerations

- **Placement of the Hydro Unit – 5' from floor**
- **Placement of Cleaning Product is Important!**
 - Cleaning product should not be on the same plane as the Hydro.
 - Cleaning product should be 2'-7' from Hydro
 - Pick-up tubing should be measured and to meet the bottom of the cleaning supply.
 - Excess tubing should be eliminated (do not put extra tubing into cleaning supply).
 - Pick up tubing should NOT hang down or loop around plumbing.
- **Water Pressure – The Hydro is powered by water.**
 - Recommended water pressure for optimal operation of the Hydro is 40 PSI
 - Use only cold or warm water – DO NOT USE HOT WATER.

Other Considerations - DONT



Other Considerations - DONT



Other Considerations - DO



New Training Tools

- Printed Materials: FAQ, Dilution Test, Maintenance Schedule (laminated)
- Training Videos:
 - Setting up the Hydro, Performing a Dilution Test, Performing a Water Pressure Test
- Hydro Tune-Up Kit (1 Kit for each Hydro purchase)
 - 2 Purple Metering tips, 2 Orange Metering tips
 - Inlet Strainer Washer
 - 2 -Y assembly with valve
 - Laminated Maintenance Schedule
 - QR code sticker to access resources

- **Where can you find the new training tools?**
- GDG: Health & Safety: Hydro Folder
- DogtopiaMarketplace.com
 - Cleaning Page, Click Resources
- Videos: Youtube.com



Questions?



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THANK
you!

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