The tools to turn your artwork into a masterpiece.

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Item# 00512: CO2 Diffuser Set (Beginner)
- A perfect CO2 supply for small planted aquarium or beginners
- Simple to set up and operate
- Extendable CO2 diffusing chamber provides options of CO2
- Aquariums up to 5 gal. - Estimated duration 30 days

Item# 00513: Disposable CO2 Cartridge Supply Sets
- The convenience of not having to refill the cartridges
- Stylish supporting rack which brings additional elegance to your aquarium set up
- Top quality CO2 pressure regulator provides easy, precise, constant and reliable CO2 dosing
- Top quality ceramic/acrylic diffuser provides the best diffusing effect
- Easy to install

Item# 00672: CO2 45g Cartridge Supply Set
Included in set:
- 1 cartridge (45g) full weight pressurized CO2 liquid
- 1 cartridge supporting rack
- 1 CO2 regulator
- 1 (2 in 1) CO2 ceramic diffuser & bubble counter
- 1 flexible tube

Item# 00673: CO2 88g Cartridge Supply Set
Included in set:
- 1 cartridge (88g) full weight pressurized CO2 liquid
- 1 cartridge supporting rack
- 1 CO2 regulator
- 1 (2 in 1) CO2 ceramic diffuser & bubble counter
- 1 flexible tube

Item# 00514: CO2 95g Cartridge Supply Set – Premium
Included in set:
- 1 cartridge (95g) full weight pressurized CO2 liquid
- 1 cartridge supporting rack
- 1 CO2 regulator
- 1 acrylic CO2 diffuser
- 1 acrylic bubble counter
- 1 flexible tube
Saltwater aquariums: May be used in calcium reactors, without the awful aspect of corrosion, common in iron cylinders
Planted aquariums: For beginner to professional aquarium set ups, the .5 to 1 liter cylinders will last 45 to 75 days respectively (at a 1 bubble per second rate, with a carbonate hardness (kH) around 3-4)
- Stylish design brings additional elegance to your aquarium set up
- CO2 diffuser provides clear, accurate bubble reading and best diffusing effect
- Seamless aluminum CO2 cylinder
- Supporting base keeps CO2 cylinder in position, avoiding any potential damage to the CO2 regulator
- CO2 flow regulator provides constant and reliable CO2 dosing rate
- Ista’s CO2 cylinders safety standards are approved by Technical Inspection Association (TUV)

Item# 00675:
CO2 Aluminum Cylinder Supply Set 0.5L – Single Pressure Gauge

Item# 00676:
CO2 Aluminum Cylinder Supply Set 0.82L – Pressure Reduced

Item# 00677:
CO2 Aluminum Cylinder Supply Set 1L – Professional Reduced
(Contains a CO2 controller with a built in solenoid valve)

- Full weight of pressurized liquid CO2 assured for the best value compared to other existing similar cartridges in the market
- Strict quality control and safety, guaranteed
- The convenience of not having to refill it. Simply replace it!

Item# 00682:
45g (1 pc.) Aquariums up to 10 gal. Est. duration 21 days

Item# 00683:
88g (1 pc.) Aquariums up to 15 gal. Est. duration 36 days

Item# 00518:
95g (1 pc.) Aquariums up to 20 gal. Est. duration 21 days

Item# 00519:
95g (3 pcs.) Aquariums up to 20 gal. Est. duration 63 days

- Quality aluminum cylinders add a professional and elegant look to your aquarium set up
- Ista’s CO2 cylinders safety standards are approved by the Technical Inspection Association (TUV)
- Seamless aluminum CO2 cylinder
CO2 Controllers

Item# 00533: CO2 Controller
Item# 00579: CO2 Controller - Mini Gauge
- Easy to assemble: no tools required for attaching to the CO2 cylinder
- Safety valve prevents any accidents if overpressure occurs
- Two gauges: one shows the internal pressure (amount of CO2), the other shows the released pressure to the aquarium
- Controllers with solenoid

CO2 Regulators

Item# 00607: Mini CO2 Flow Regulator
- Compact in size, elegant design
- Simple and reliable CO2 injection
- Easy reading with the CO2 pressure gauge

CO2 Bubble Counter & Check Valve

Item# 00565: Mini CO2 Bubble Counter
- Compact in size in crystal clear acrylic makes it unnoticeable
- Elegant design adds a touch of grace to your CO2 supply system
- Strict quality control assures no leakage

Item# 00566: 2 in 1 Bubble Counter & Check Valve
- CO2 tube fastener keeps tube tightly and securely in place
- Spring type check valve design is best to prevent back flow
- Acrylic material provides clear and easy bubble reading
- Simple to remove cap for filling of water

Item# 00577: Spring Check Valve
- Spring type check valve design is best to prevent back flow
- Elegant in shape and simple to clean
- Air tube fastener keeps tube tightly and securely in place

CO2 Diffusers

Item# 00685: Mini Ceramic CO2 Diffuser
- Top quality ceramic assures the best diffusing effect
- It also contains the function of a bubble counter
- Simple to clean and to replace the ceramic diffusing material and water filling
- Acrylic material provides clear CO2 bubble reading
- CO2 pipe holder included

Item# 00505: UFO CO2 Diffuser
- Top quality ceramic assures the best diffusing effect
- Simple to clean and to replace the ceramic diffusing material; therefore eliminating the clogging problem
- CO2 pipe can be fastened to the diffuser in a vertical position - preventing the pipe from bending which destructs the flow of CO2
- Elegant design
CO2 Diffusers

Item# 00562: CO2 Diffuser - 3 in 1 - Small
Item# 00563: CO2 Diffuser - 3 in 1 - Large

These are the most practical diffusers available. In a single piece, you have a check valve, a bubble counter and the diffuser. Also of importance is that the ceramic plate can be replaced.

- Produces bubbles as small as a mist of CO2, generating maximum possible diffusion of CO2 in the aquarium
- Undisputable quality and reliability
- Compact in size
- Easy to install

CO2 Reactors

Item# 00528: Max Mix CO2 Reactor - Medium
Item# 00529: Max Mix CO2 Reactor - Large

Best way to diffuse the CO2 into planted tanks! There is no CO2 loss in this system. Inside the reactor, the CO2 bubbles are broken down constantly until they’re completely dissolved into the water. When using regular (ceramic plates) diffusers, there is loss when the CO2 bubbles reach the water surface.

- The patented impeller design completely crushes the CO2 bubbles
- Compact in size, and can be used either internally or externally
- Designed to prevent CO2 gas from collecting at the top
- Electricity is not required since it uses the flow of water from the filter
- Easy to clean and maintain

CO2 Indicator & Solution

Item# 00690: CO2 Indicator
- Allows the monitoring of the CO2 level from any angle
- Unique design prevents any chance of spill of the indicator solution
- Reusable color chart sticker permits user to change the position of the label on the aquarium surface
- Solution included

Item# 00691: CO2 Solution
- Replaceable solution for the CO2 Indicator
- Solution replacement is recommended once a month
- 1cc of CO2 Indicator Solution required when replacing solution
- Adding aquarium water is not necessary

CO2 Pipe Holder

Item# 00578
- To prevent the CO2 pipe from being bent
- Can be used either individually or by attaching to the glass aquarium surface

Surface Skimmer

Item# 00522
- Effectively draws the organism and protein to the skimmer which assures a crystal clear water surface. This creates a healthier and safer environment, as it allows effective gas exchange and the plants can get proper light
- Allows surface water flow to get through from all directions without clogging
- With self-floating water inlet chamber, it automatically adjusts itself with the change of water level
- Attaches to the hang on filters

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Cylinder Supporting Base

Item# 00559
- Firmly secures the CO2 cylinder; thus, preventing any accidents
- Can be adjusted to fit different cylinder diameters from 65mm to 80mm (0.5L to 1L)

Water Plant Clip & Scissors

Item# 00546: CLIP
- Stainless steel assures excellent flexibility and prevents corrosion
- Dynamic design provides an easy and convenient operation
- Allows manipulating with precision and delicacy even with the smallest and the most delicate aquatic plants

Item# 00545: SCISSORS
- Stainless steel assures excellent flexibility and prevents corrosion
- Larger holding base provides extra comfort
- An elegant and professional tool to help in shaping fascinating planted aquariums

Water Plant Cultivation - Ceramic

- Saves all the hard work in having to tie tiny aquatic plants
- Four different models to choose from:

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-DD03</td>
<td>5cm Round</td>
</tr>
<tr>
<td>E-DD04</td>
<td>5cm Square</td>
</tr>
<tr>
<td>E-DD05</td>
<td>6.5cm Square</td>
</tr>
<tr>
<td>E-DD06</td>
<td>5x10cm Rectangle</td>
</tr>
</tbody>
</table>

Bio-Sponge Filters

- Mechanical filtration: Provides excellent filtering effect while oxygenating the water
- Biological filtration: Foam material supports the colonization of bacteria
- Can be used with either an air pump or any external filter
- Silent operation by reducing air pump noise
- Easy to install and simple to maintain

Vortex Water Flow Accelerator

- Accelerates the water flow speed up to 400%
- Increases water flow circulation
- Adjustable flow direction

Item# 00821 – ½"
Item# 00822 – 3/4"
Item# 00823 – 1"