Technical Specifications

Immersion XR Cart

Store, charge, protect, and transport your valuable VR equipment with the Immersion XR Cart. Available with custom-fit foams for Quest 2 Elite or Soft Strap, Edupro or Pico Neo 3 goggles and optional universal foam options for USB-A or USB-C charging, it stores up to 30 goggles and controllers in one location.

Features and Benefits

- Stores, charges, and transports up to 30 VR goggles and controllers*
- Drawer storage supports quick deployment with easy wiring and goggle storage
- Safety mechanism allows only one drawer to be pulled out at a time to prevent tipping
- Polyethylene foam padding protects devices
- Universal drawer version provides: 25”W [63.5 cm] x 22”D [55.9 cm] x 10”H [25.4 cm]
- Internal and external auxiliary AC outlets available to power other equipment/devices
- Cord management system keeps charge cords organized at each drawer
- Small cart footprint (29”W x 25”D) saves valuable space
- Cord wraps secure power cord while mobile
- Heavy gauge dual front doors with a dual-bolt keyed lock provides security for devices
- Rear panel is removable (via internal fasteners) to provide access if needed
- Power switch provides continuous power to all three 10-outlet power units (non current-sensing).
- For most power adapters up to 45W
- Includes (3) 10-port USB Type A chargers
- External power switch provides easy-access for safe power connection / disconnection
- Replaceable, IEC (quick-release) 8’ nominal 14 AWG, 3-wire power cord and external recessed cord wrap brackets provide easy power access
- Ventilated doors and side panels keep devices and chargers cool, preventing overheating, and extending device life
- Four inboard 5” balloon wheel plate casters (two locking, two non-locking) with metal construction and non-marring rubber provide easy rolling, and quiet transport (rated for 300 lb each)
- Integrated handles in top panel provides control and maneuverability

*Goggles and controllers not included

Cart ships fully-assembled for quick, simple integration and deployment
- Durable powder coated steel chassis provides a long-lasting finish
- Electrical system ETL certified to UL 60950-1 in the US and Canada
- Warranted to be free of all defects in materials and workmanship for 10 years, electrical system 2 years
- Designed and assembled in Chippewa Falls, WI, USA

Available models:

- 55564-WGUWF1 for Quest 2 Elite goggles and controllers (holds up to 24 sets)
- 55564-WGUWF2 for Quest 2 Soft Strap goggles and controllers (holds up to 30 sets)
- 55564-WGUWF3 for Edupro goggles and controllers (holds up to 30 sets)
- 55564-WGUWF4 with universal (flat) foam and USB-A charging
- 55564-WGUWF5 for Pico Neo 3 goggles and controllers (holds up to 15 sets)
- 55564-WGUWF6 with universal (flat) foam, and USB-A charging with USB-C adapters

Colors

- Warm Gray (cabinet)
- White (door)
Specifications

Capacity
• Up to (24) Quest 2 Elite goggles and controllers
• Up to (30) Quest 2 Soft Strap goggles and controllers
• Up to (30) Edupro goggles and controllers
• Up to (15) Pico Neo 3 goggles and controllers
• (Varies) Universal flat foam

Drawer capacity (nominal)
(See p. 4 for foam storage)
• Drawer storage: 25’W [63.5 cm] x 22”D [55.9 cm] x 10”H [25.4 cm]
• Max weight per drawer: 25 lb [11.35 kg]

5” Balloon Wheels
Weight capacity 300 lb [136.2 kg] each (2 locking, 2 non-locking)

Certifications / Compliance
Meets or exceeds applicable ANSI-BIFMA test standards

Unit weight (nominal)
143 lb [65 kg]

Shipping weight (nominal)
170 lb [77.2 kg]

Specifications subject to change without notice
Electrical

**Power Switch**

- Provides continuous power to four continuous dedicated outlets (labeled A, B, C, D)
- Two auxiliary outlets (1 external, 1 internal)
- ETL certified to 60950-1

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>125V~/12A, 60Hz</td>
</tr>
<tr>
<td>Breaker</td>
<td>15A, 250 VAC</td>
</tr>
<tr>
<td>Outlets</td>
<td>4 timed (A, B, C, D) up to 10A</td>
</tr>
<tr>
<td>Auxiliary outlets</td>
<td>1A each (controlled by main power switch)</td>
</tr>
<tr>
<td>Power Cord</td>
<td>IEC quick-release (replaceable)</td>
</tr>
<tr>
<td></td>
<td>8' nominal, 14 AWG, 3-wire</td>
</tr>
<tr>
<td>Power switch</td>
<td>15A (externally accessible)</td>
</tr>
</tbody>
</table>

**USB Charger (3 included)**

- 10 USB-A ports each (1 per drawer)
- Overcharging, overvoltage, and over-current protection, Smart IC Technology
- Compliance: FCC, RoHS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>2.8&quot;W x 4.4&quot;D x 1.1&quot;H</td>
</tr>
<tr>
<td>Voltage required</td>
<td>AC 100-240 V (50/60 Hz)</td>
</tr>
<tr>
<td>Voltage provided</td>
<td>5V</td>
</tr>
<tr>
<td>Current provided</td>
<td>2.4A per port</td>
</tr>
<tr>
<td>Output connectors</td>
<td>Total 10: 10 x 4 pin USB Type A</td>
</tr>
<tr>
<td>Power Provided</td>
<td>60W</td>
</tr>
<tr>
<td>Max electric current</td>
<td>2.4A</td>
</tr>
</tbody>
</table>

**Drawer cord management**

Each drawer has a raised grid that creates space to easily route charge cords and wires under the foam storage to the goggles.

**5” Balloon Wheel**

(2) locking, and (2) non-locking casters are included on each unit.
Drawer foam storage options

55564-WGUWF1
Custom-fit Quest 2 Elite Foam
with USB-C Charging Ports
(shown with Goggles and Controllers*)

55564-WGUWF2
Custom-fit Quest 2 Soft Strap Foam
with USB-C Charging Ports
(shown with Goggles and Controllers*)

55564-WGUWF3
Custom-fit Edupro Foam
with USB-A Charging Ports
(shown with Goggles and Controllers*)
Note: The cart is designed with a safety mechanism that allows only one drawer to be pulled out at a time.

Max weight per drawer: 25 lb [11.35 kg]
Immersion XR Cart

dimensions:

- Width: 14.8912 cm (37.83 cm)
- Depth: 6.173 cm (15.67 cm)
- Height: 44.173 cm (112.2 cm)

25 cm (63.5 cm)
29 cm (73.66 cm)
38 cm (96.52 cm)
We will make it right for you!

Thanks for choosing Spectrum! Spectrum is committed to provide complete customer satisfaction. Each of our products is manufactured from the best materials available and each product is stringently monitored throughout the production process through our P.A.C.E. program (Product Assurance to meet Customer Expectations).

We expressly warrant that Spectrum products will be of good quality and workmanship and free from defect for the period set out in the warranty from the date of delivery.

For a listing of all product specific warranty terms please visit our website at: https://www.spectrumfurniture.com/en/resources/purchasing-terms-warranty

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**Immersion XR Cart**

**Wiring diagram**

- **Power Switch**
- **USB Hub**
- **USB cord to goggle**
- **Power cord wraps**
- **8' nominal [244 cm]**
- **14 AWG, 3-wire IEC power cord (to wall outlet)**
### Cooling fan - 99062

- Exhausts hot air from inside cart
- Installs inside at top of cart
- Mounts to rear or side panel vent slots with two screws
- Customer-installed

<table>
<thead>
<tr>
<th>Electric Fan</th>
<th>Voltage: 115VAC (single phase)</th>
<th>Noise: 28 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power: 5.5W</td>
<td>Air flow: 49.4 CFM (1.40m³/min)</td>
</tr>
<tr>
<td></td>
<td>Current: .08A</td>
<td>Frame material: Aluminum</td>
</tr>
<tr>
<td></td>
<td>1450 RPM</td>
<td>Blade material: Polycarbonate, Fiberglass reinforced</td>
</tr>
<tr>
<td></td>
<td>Dimensions: 119 mm x 119 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ball Bearing</td>
<td></td>
</tr>
</tbody>
</table>

| Power cord   | 18ga, 48" nominal length, 6A 125V~ (2 prong plug) |
| Mounting bracket | 16-gauge steel      |
|                | Black powder coat    |
|                | Mounting screws included |

| Unit weight: | N/A |
| Shipping weight: | 2 lb [.9 kg] |

See [spectrumfurniture.com](https://www.spectrumfurniture.com) for the latest accessories and detailed warranty information.

### Warranty

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**1-800-235-1262**

Toll-free HELPLINE

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