

Brand Name of Product	EndoDolly™
Generic Name of Product	Flexible Endoscope Assistance Pole
Product Code Number(s)	110405-SP
Intended Use	To hold endoscopes and allow them to hang properly while conducting active drying, quality assurance testing, and transportation procedures.
Range of Applications for Product	Hanging endoscopes to perform cleaning verification and transporting the scopes.
Key Specifications of Product	<ul style="list-style-type: none"> • Height of pole: 55 inches. • Three (3) self-adjusting poles: <ul style="list-style-type: none"> ○ Two (2) outside poles extend an additional 8 feet. <ul style="list-style-type: none"> ■ Adjusted maximum height of 211.58 cm ■ Lowered to a minimum height of 133.35 cm ○ The middle pole extends an additional 9.50 feet. <ul style="list-style-type: none"> ■ Adjusted to a maximum height of 271.78 cm ■ Lowered to a minimum height of 148.59 cm. • Two (2) cups for each self-adjusting pole. • Two (2) hooks per pole to support a scope up to 15 lb. • Five (5)-wheel base • Hex key (large).

Shipping & Storage	
Shipping Conditions & Requirements	N/A
Storage Conditions	<ul style="list-style-type: none"> • For transport and stockkeeping, the temperature should be kept between –25- to 70 °C (–13- to 158 °F). • Moisture: 30–75% rh • Atmospheric pressure: 70–1060 hPa • At application, assure the ambient temperature from 10- to 75 °C (50- to 167 °F).
Packaging Contents	N/A
Shelf Life	N/A

Instructions for Using Product	
Description of Use(s)	To hold the endoscopes and transport.
Preparation for Use	Remove all parts from the packaging.
Diagrams (drawings, pictures)	<p>Next page.</p> <p style="text-align: center;">Assemble Base</p>

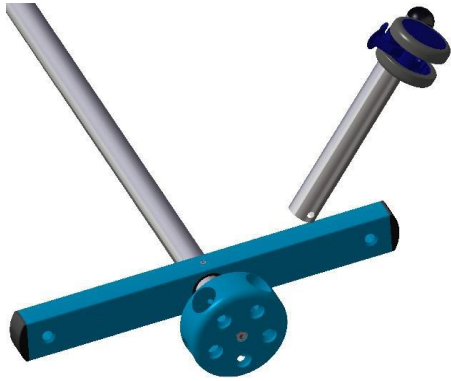


Figure 1

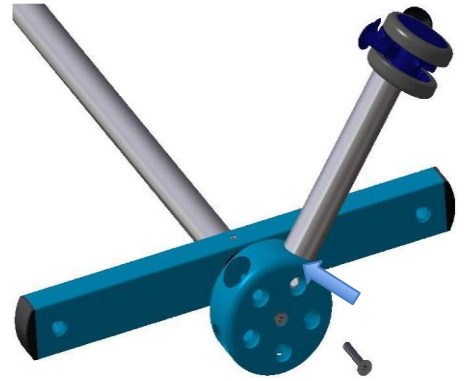


Figure 1A

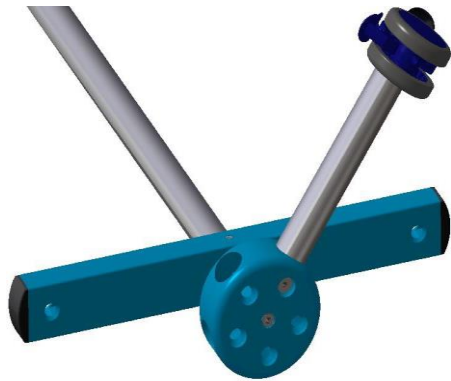


Figure 1B

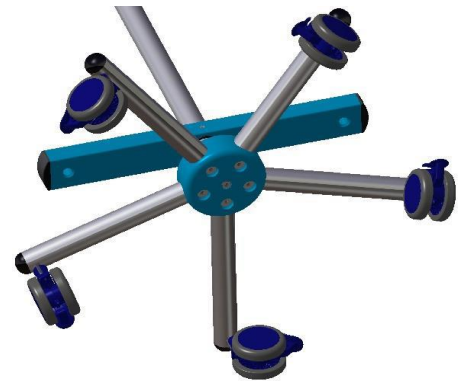


Figure 1C

Assemble Accessories

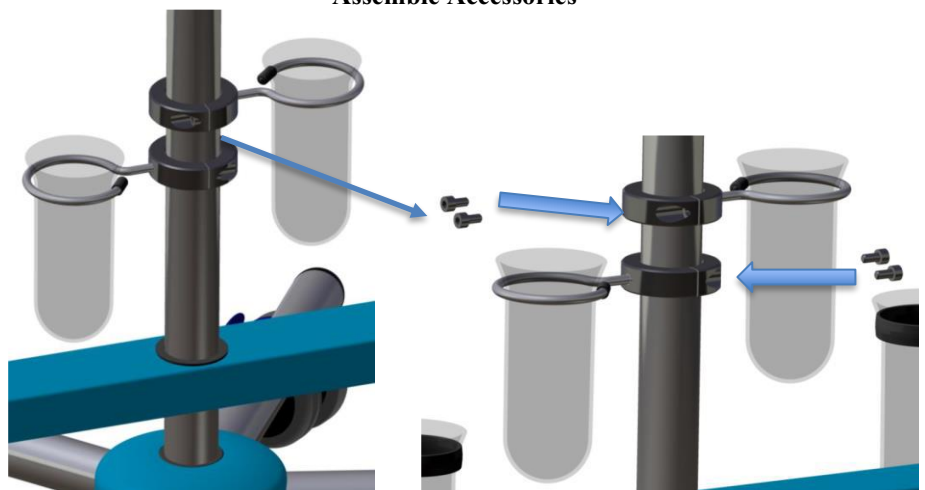


Figure 2

Assemble IV-Pole



Figure 3



Figure 4



Figure 4A

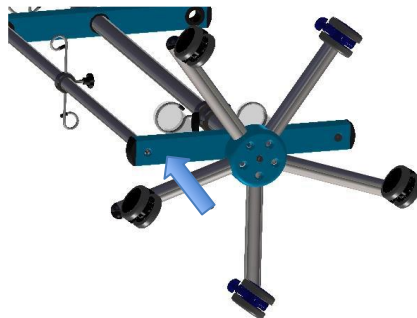


Figure 5

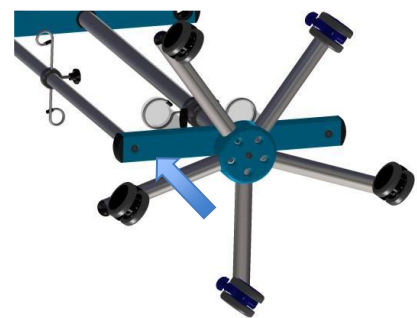


Figure 5A

Assemble Accessories

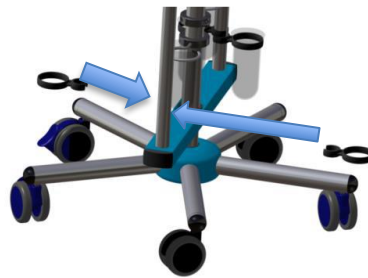


Figure 6



Figure 6A



Figure 6B



Figure 6C

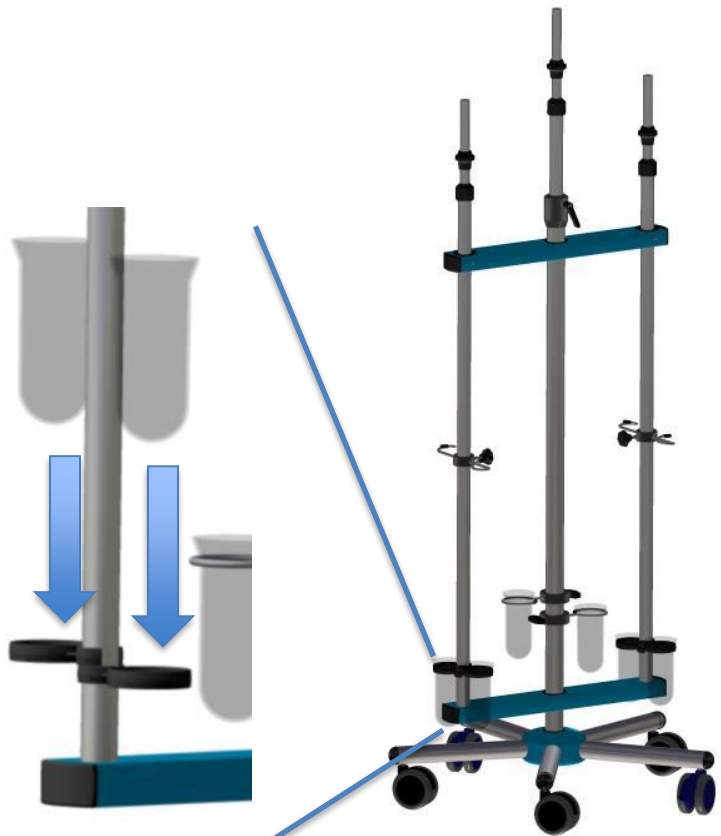


Figure 6D

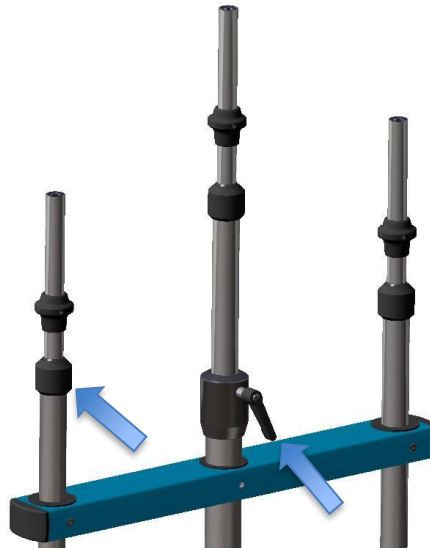


Figure 7

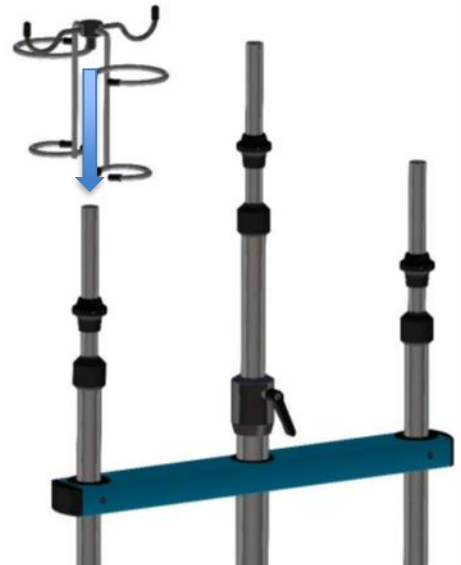


Figure 8



Figure 9



Figure 9A

Steps for Use of Product

Assemble the Base:

1. Attach the base using the five large bolts included in the kit. A) Insert one of the wheel posts into the base collar and B) adhere with one large bolt using the hex key. C) Repeat each wheel post until all 5-wheel posts are inserted and tightened. (Fig. 1–1C).

Assemble the Accessories:

2. Carefully stand the pole up and loosen the “C” hook screws from the bracket. Slide the bracket down the middle pole close to the base and tighten to secure the pole. The opening of each hook should be facing opposite each other. (Fig. 2).

Assemble the IV-Pole:

3. Slide the remaining 2 poles down through the (top) blue beams attached to the middle pole. (Fig. 3).
4. Slide the pole into the “C” hooks before sliding the poles into the *bottom* blue beam. Tighten the “C” hooks to the pole. (Fig. 4–4A).
5. A) Tighten the lever on the “C” hooks to the pole. B) Secure the screws underneath the bottom of the blue beam with the hex key. (Fig. 5–5A).

	<p>Assemble the Drip Cup Holders:</p> <ol style="list-style-type: none"> A/B) Attach the drip cups by snapping 2 holders onto the pole at the bottom of the outer 2 poles with one below the other (facing opposite each other). C/D) Place the cups into the holder. (Fig. 6–6D). <p>(Note: In total, there are six drip cups that are attached to all 3 poles.)</p> <p>Assemble the Scope Brackets:</p> <ol style="list-style-type: none"> Adjust height of the poles by loosening the pole grip and sliding the inner pole up or down. Retighten pole grip to secure the poles in place when desired height is achieved. (Fig. 7). To adjust the height of the middle outer pole, loosen the lever on the external pole, then adjust the outer pole to the desired height. Tighten the lever to secure the pole in place. (Fig. 8). A) Place the scope brackets onto the top of each pole, and B) tighten clockwise until secured. (Fig. 9–9A). <p>(Note: A total of six scopes can be placed on the EndoDolly™)</p> <p>Placing endoscope on the EndoDolly™</p> <ol style="list-style-type: none"> Place the endoscope(s) into the brackets at the top of the pole(s) and allow the endoscope(s) to hang vertically. Put the insertion tube into the “C” hooks to keep it stable. Place the distal tip into the cup during active drying procedures with suitable quality of air, quality assurance testing, or transportation. After drying and quality assurance testing has been completed, the EndoDolly™ can be used for transport to storage.
Interpretation of Test Results	N/A
Contraindications of Test Results	N/A
Documentation	N/A
Special Warnings and Cautions	<ul style="list-style-type: none"> ⚠ The EndoDolly™ stand is <i>ONLY</i> to be used for the purposes described in the <i>Instructions for Use (IFU)</i>. <ul style="list-style-type: none"> Follow the IFU precisely when setting up, handling, and using it. Refrain from any other use as it may conceal unknown hazards. Inappropriate use may cause danger for persons and objects nearby. Indoor use only. ⚠ Beware of tilting: <ul style="list-style-type: none"> Use the stand on flat and solid ground with a maximum slope of 5°. The stand should not tip when tilting the unit by 10° <i>if used correctly</i>. Attach heavy items as close to the base as possible. Use of roller brakes: <ul style="list-style-type: none"> When moving the stand, make sure the roller brakes are unlocked. <ul style="list-style-type: none"> Take extra care when rolling across obstacles, soft flooring, and slants. It may be necessary to lower the hanging load to the minimum infusion height. Always lock the roller brakes when EndoDolly™ is not in use. The electrically conductive rollers serve only to divert static charges. ⚠ Do not use non-pH-neutral detergents or wipes which can lead to surface and material damage over time.
Disposal	The EndoDolly™ can be disposed of at the nearest bulky waste disposal point.

Reprocessing Instructions	
Point of Use	N/A
Preparation for Decontamination	N/A

Disassembly Instructions	N/A																																	
Cleaning – Manual	<div><div><div>1. Chloride-containing fluids (e.g., blood, physiological saline) must be removed to avoid formation of rust.</div><div>2. Wipe down the pole from top to bottom with a facility approved disinfectant.<div><div>a. Start by wiping the pole and crossbar, then moving to the hooks at the top and middle of the poles.</div><div>b. Finally, wipe down the base by the wheels.</div></div></div><div>3. Extend the outer poles.</div><div>4. <i>Middle pole:</i> extend lower unit and wipe down. Slide lower unit back down into pole and extend the top part of the pole.</div></div><div>(Note: Follow the disinfectant wipe manufacturer’s IFU for use.)</div></div>																																	
Cleaning – Automated	N/A																																	
Disinfection	<div><div><div>EndoDolly™</div><div>Recommended to use a disinfectant wipe with a disinfectant surface.</div></div><div><div>Poly cups</div><div>Facility approved surface disinfectant wipes or isopropyl alcohol.</div></div></div>																																	
Drying	N/A																																	
Maintenance, Inspection, and Testing	<div><div><div><div><div><div><div>• Check the stand (<i>at least once a year</i>). Repairs must be made by authorized personnel or customer service using original equipment manufacturers (OEM) products only.</div><div>• If the stand has not been in use for an extended period, then it should be checked (as described in the maintenance plan/checklist).</div><div>• The user/operator must check/approve the stand at regular intervals.</div><div>• In case of non-conformity to one of the below points, the affected component is to be decommissioned immediately.</div><div>• Sign the below listed technical requirements that the inspection was completed, and the result did not show any negative condition of the EndoDolly™.</div></div></div><div><div>Proof of Maintenance Conformity</div><table><tr><td><div><div>Integrity</div><div>The EndoDolly™ should be checked at least once a year on full functionality of all components.</div></div></td><td><div><div>Function</div><div>All screws are in place and tightened. Keep castors free of debris and in clean condition, so the brakes are working properly.</div></div></td><td><div><div>Completeness</div><div>If an error is detected, only OEM spare parts may be used and must be replaced by a Customer Service Specialist.</div></div></td></tr></table><table><tr><td>Date</td><td>Signature</td><td>Date</td><td>Signature</td><td>Date</td><td>Signature</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table><div><div>• If the EndoDolly™ does not fit/fulfill all above mentioned items of the list, the safe use of the system cannot be guaranteed, and suitable action must be taken to correct the problems.</div><div>• The EndoDolly™ must NOT be used when proper operating is not guaranteed.</div><div>• Service life of the EndoDolly™:<div><div>○ Seven (7) years if it is only used for its intended purpose and is subject to regular and correct maintenance.</div></div></div></div></div></div></div></div></div>	<div><div>Integrity</div><div>The EndoDolly™ should be checked at least once a year on full functionality of all components.</div></div>	<div><div>Function</div><div>All screws are in place and tightened. Keep castors free of debris and in clean condition, so the brakes are working properly.</div></div>	<div><div>Completeness</div><div>If an error is detected, only OEM spare parts may be used and must be replaced by a Customer Service Specialist.</div></div>	Date	Signature	Date	Signature	Date	Signature																								
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	<ul style="list-style-type: none"> ○ Largely depends on the frequency of use, the operational environment, and upkeep. ○ Can be extended by using spare parts. <p><i>(Note: The service life indicated does not constitute an additional warranty.)</i></p>
Reassembly Instructions	N/A
Packaging	N/A
Sterilization	Poly cups Steam sterilization: <ul style="list-style-type: none"> • 132.22 °C (270 °F) for 4 minutes • 135 °C (275 °F) for 3 minutes.
Storage	<ul style="list-style-type: none"> • For transport and stockkeeping, the temperature should be kept from –25- to 70 °C (–13- to 158 °F). • Moisture: 30–75% rh • Atmospheric pressure- 700–1060 hPa • At application, assure the ambient temperature from 10- to 75 °C (50- to 167 °F).
Additional Information	N/A
Related Healthmark Products	N/A
Other Product Support Documents	Storage Products Brochure
Reference Documents	N/A
Customer Service Contact	Healthmark, A Getinge company 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com