



USER GUIDE



ADVANCED TRAINING IN LAPAROSCOPIC SUTURING (ATLAS)



LEARN MORE AT

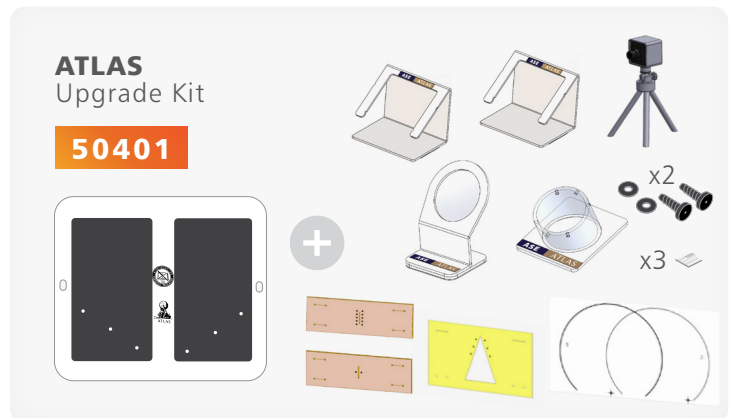
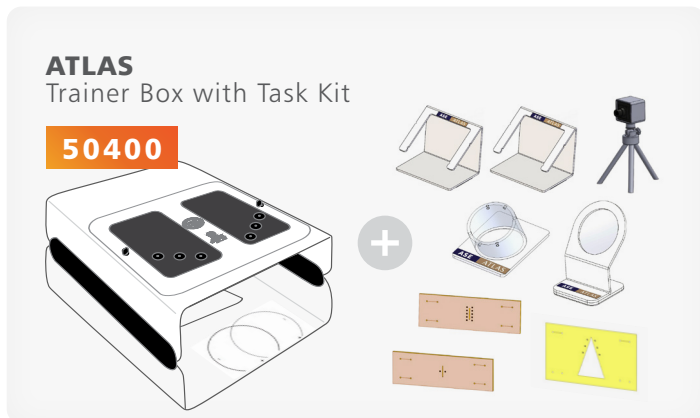
limbsandthings.com

Limbs & Things Inc. | P.O. Box 15669, Savannah, GA 31416, USA | customerservice@limbsandthings.com

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TRAINER SETS AVAILABLE



PACKAGE
SUPPLIED

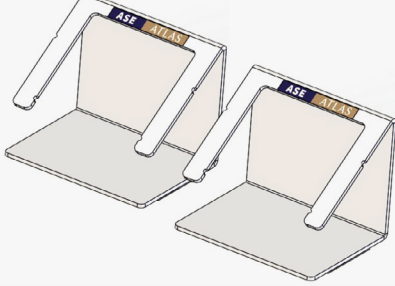
TASK KIT

Each product below is included in the 'Task Kit', but can be purchased separately if required using the product codes below

TRAINER JIGS

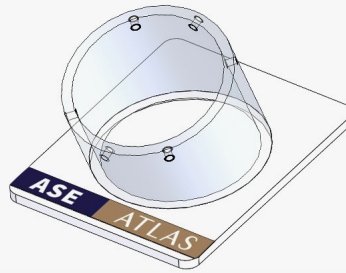
Suturing Stand

50404



Needle Handling Trainer

50405



Space
Constrainer

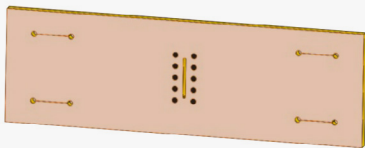
50406



TASK PAD CONSUMABLES

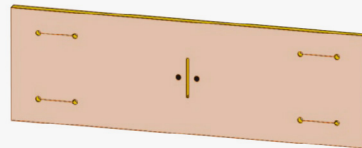
Continuous Suturing Pad
(10 dots) - Pack of 10

50407



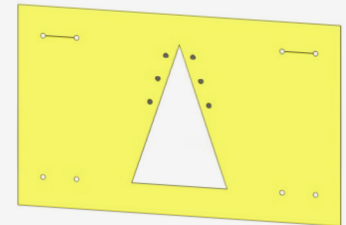
Interrupted Suturing Pad
(2 dots) - Pack of 10

50408



Tension Suture Pad
(6 dots) - Pack of 10

50409



REPLACEMENTS

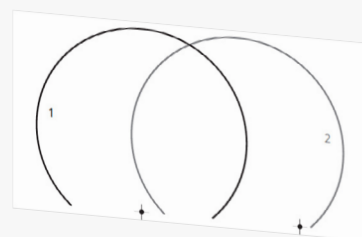
Camera with Stand

50410



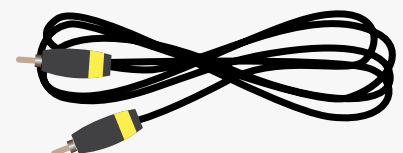
Template & Velcro

50411



3Mtr RCA cable

50412





EC DECLARATION OF CONFORMITY

In accordance with ISO IEC 17050-1 : 2010

We at

Limbs & Things Ltd

of

Sussex Street, St. Philips, Bristol, BS2 0RA

Declare under our sole responsibility that the product described below:


Brand and Model Name	ATLAS (Advanced Training in Laparoscopic Suturing) Trainer, Part numbers: 50400, 50401, 50402, 50403,50404,50405,50406, 50407, 50408, 50409, 50410 & 50411
-----------------------------	--

Has been tested and is in conformity with the following standards:

SUBJECT	STANDARD
Electrical Safety	LVD Directive – 2014/35/EU EN 61010: 2010 + A1:2019 Clause 5,6,7,8,9,10,11,12,13,14,15,16 & 17
Electromagnetic Compatibility	EMC Directive – 2014/30/EU Conducted emissions: EN 55011:2009 + A1:2010 Radiated emissions: EN 55011:2009 + A1:2010 Voltage Fluctuations (Composite Video and USB Mode): EN 61000-3-3:2013 Electrostatic Discharge (Composite Video and USB Mode) EN 61000-4-2:2009 EFT/Bursts (Composite Video and USB Mode) EN 61000-4-4:2004 + A1:2010 Surge Immunity (Composite Video and USB Mode) EN 61000-4-5:2006 Conducted Immunity (Composite Video and USB Mode) EN 61000-4-6:2009 Dips & Interruptions (Composite Video and USB Mode) EN 61000-4-11:2004
Radio performance	N/A
RoHS	<i>RoHS - Directive 2011/65/EU, as amended (by Directive 2015/863)</i>

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced Standards.

Signed Nick Hull
 Position Managing Director
 Location Limbs & Things, Bristol, England

Signature 

Date 7th September 2021 ...



DECLARATION OF CONFORMITY

We at
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Has been tested and is in conformity with the following standards:

Technical regulations	FCC CFR47 Part 15:107 & 15: 109 Class B limits
Test laboratory	Kiwa Electrical Compliance Unit 8 Woodfieldside Business Park Pontllanfraith Blackwood United Kingdom NP12 2DG
Test report number	R20-5155
Test report date	07 th April 2020

Signed Nick Hull
Position Managing Director
Location Limbs & Things, Bristol, England

Signature 

Date 7th September 2021



Limbs & Things Ltd

DECLARATION OF CONFORMITY

In accordance with UK Government Guidance

We at

Limbs & Things Ltd

of

Sussex Street, St. Philips, Bristol, BS2 0RA

Declare under our sole responsibility that the product described below:

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Has been tested and is in conformity with the following standards:

SUBJECT	STANDARD
Electrical Safety	Electrical Equipment (Safety) Regulations 2016 BS EN 61010: 2010 + A1:2019 Clause 5,6,7,8,9,10,11,12,13,14,15,16 & 17
Electromagnetic Compatibility	Electromagnetic Compatibility Regulations 2016 Conducted emissions: BS EN 55011:2009 + A1:2010 Radiated emissions: BS EN 55011:2009 + A1:2010 Voltage Fluctuations (Composite Video and USB Mode): BS EN 61000-3-3:2013 Electrostatic Discharge (Composite Video and USB Mode) BS EN 61000-4-2:2009 EFT/Bursts (Composite Video and USB Mode) BS EN 61000-4-4:2004 + A1:2010 Surge Immunity (Composite Video and USB Mode) BS EN 61000-4-5:2006 Conducted Immunity (Composite Video and USB Mode) BS EN 61000-4-6:2009 Dips & Interruptions (Composite Video and USB Mode) BS EN 61000-4-11:2004
Radio performance	N/A
RoHS	<i>The Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012</i>

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced Standards.

Signed Nick Hull
Position Managing Director
Location Limbs & Things, Bristol, England

Signature ...  ...
Date 05/11/21

SAFETY & CLEANING INSTRUCTIONS

READ THE SAFETY INSTRUCTIONS CAREFULLY BEFORE USING YOUR ATLAS TRAINER SETS

DO's



Follow all instructions.
Keep these instructions.
Heed all warnings.

The product must be used by appropriately trained adults only.



Only use this product indoors.

Clean the product with a damp soft cloth or sponge.



If a product is damaged or worn, it should be repaired by Limbs & Things. To arrange this, please contact your point of purchase who will be able to provide a repair quote.

STORAGE & TRANSPORTATION

DON'Ts



Do not install near any heat sources, do not expose the product to flames or use near naked flame sources. Do not use flammable solvents near or on this product.

Do not use the product near water, this product contains electronics.



Do not use any attachments other than those supplied by the manufacturer.

Do not disassemble the product or attempt to repair a faulty unit, please return the product to Limbs & Things for assessment and repair.



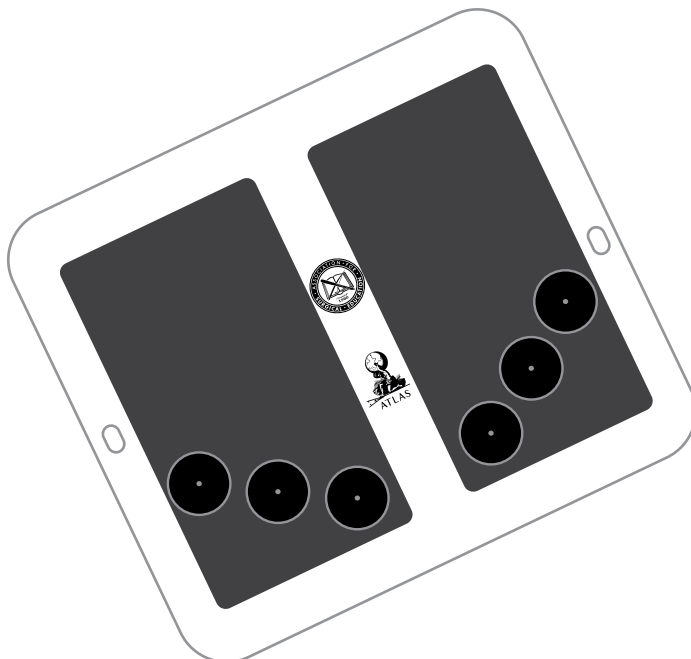
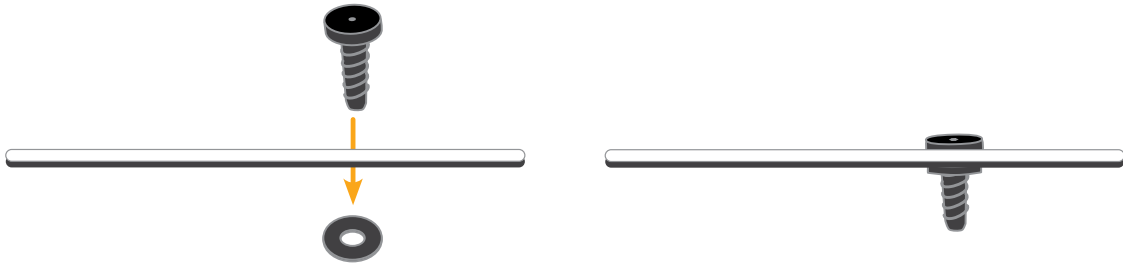
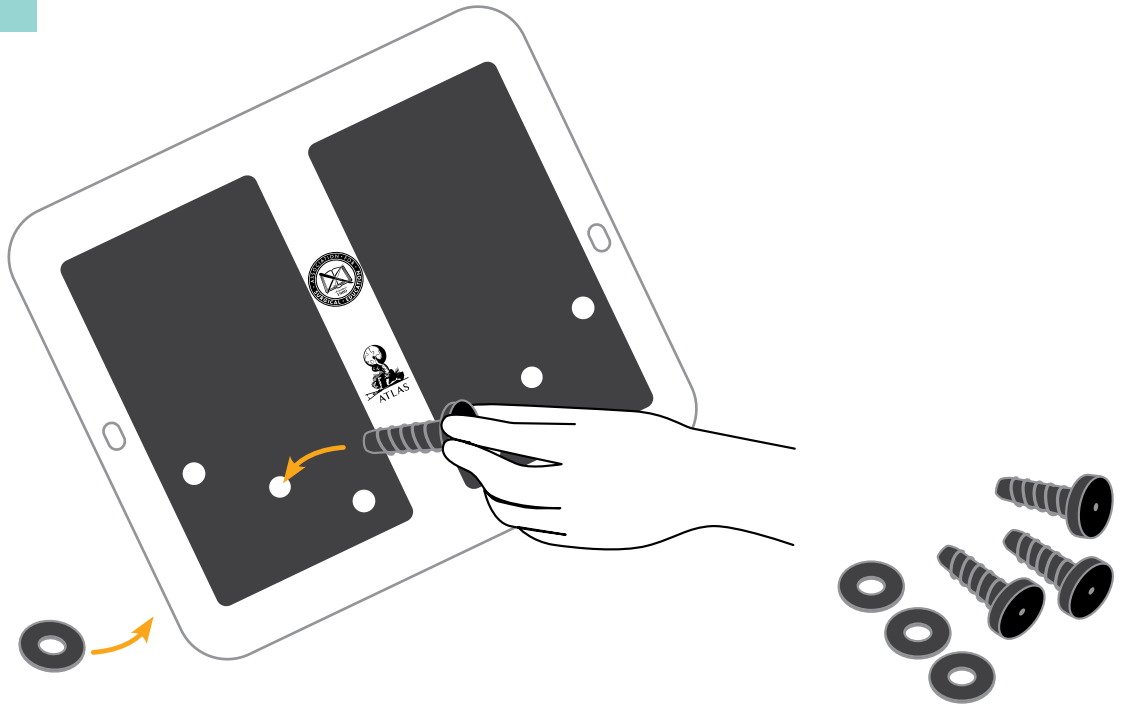
The product is not a toy and must not be used by children or untrained staff.



Always ensure that the products are properly packed and secured during transportation and storage in order to prevent personal injury or damage to the product.

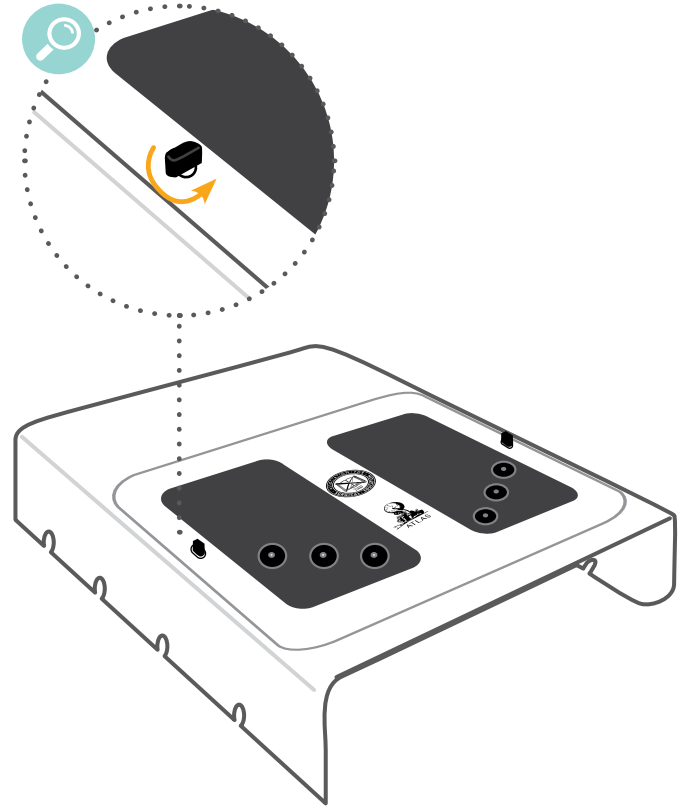
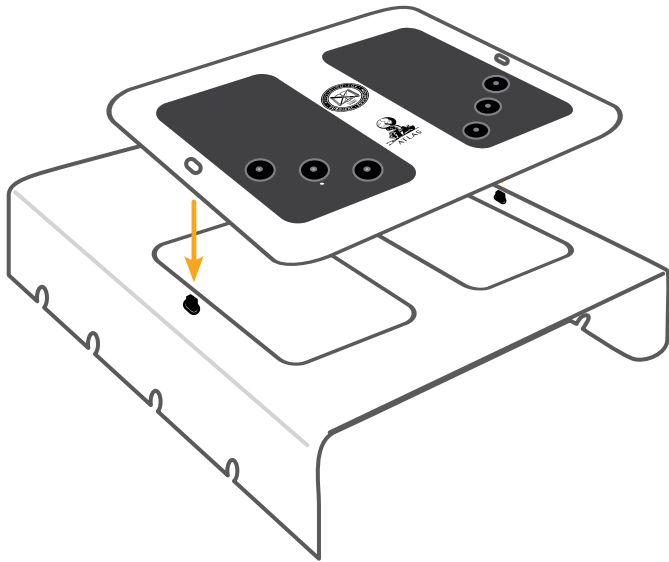
SET UP

ATTACHING THE TROCARS

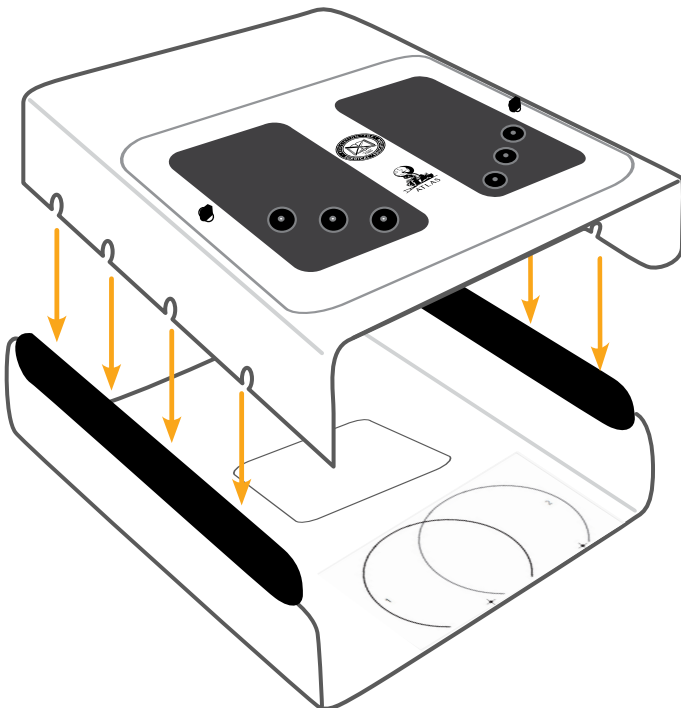


SET UP

ATTACHING THE FRAME

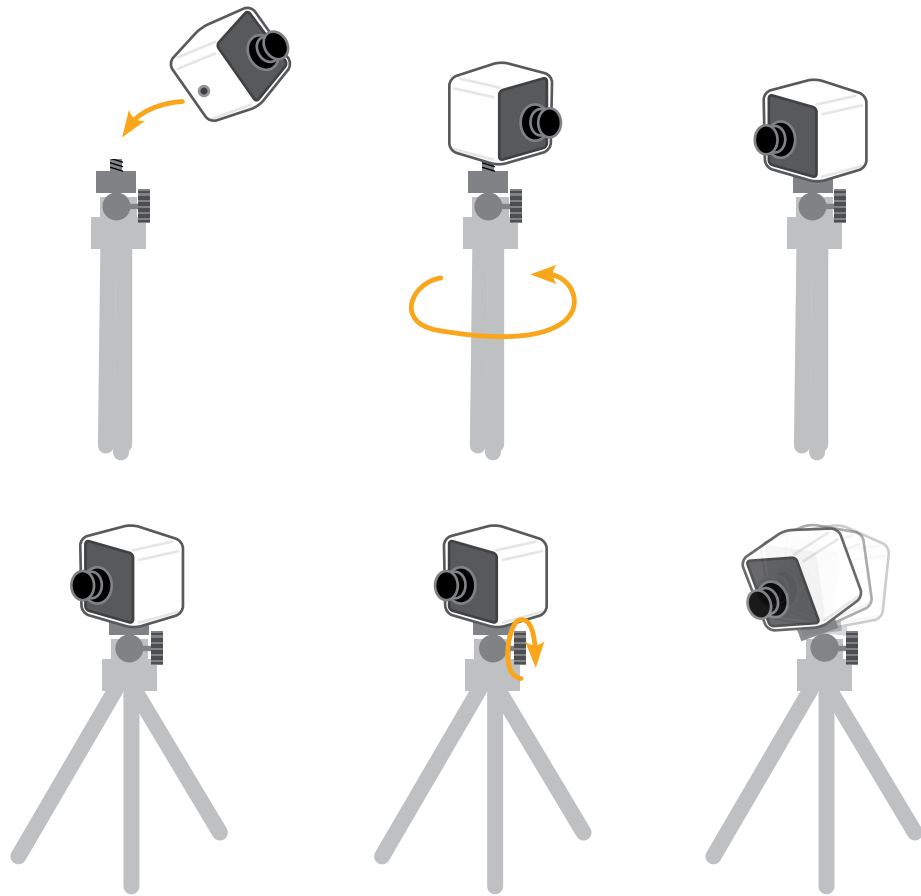


ASSEMBLING THE TRAINER BOX

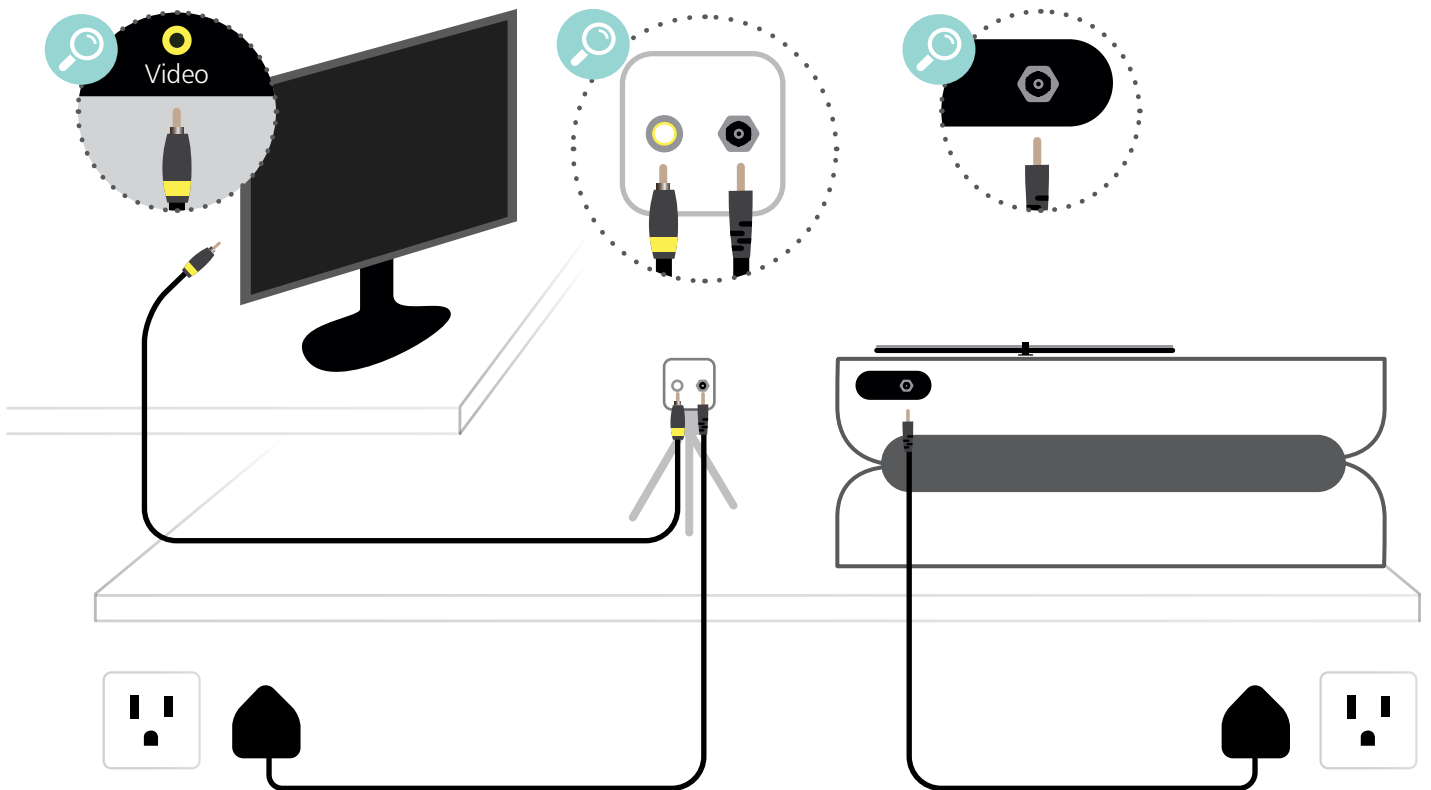


SET UP

SETTING UP THE CAMERA



Connecting the camera

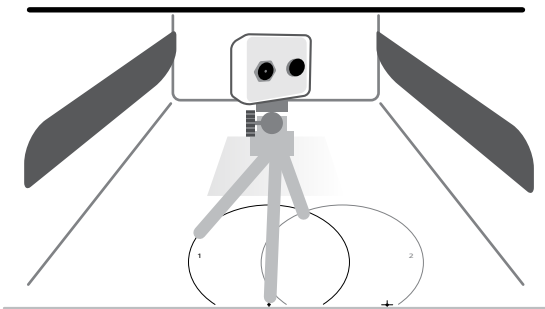


SET UP

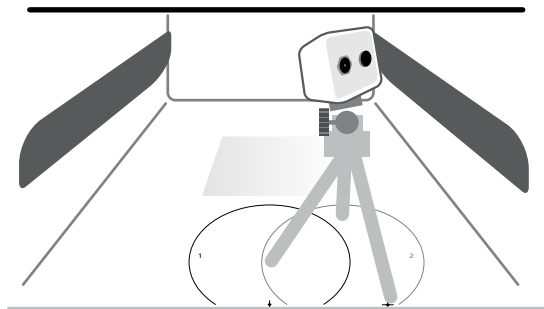
SETTING UP THE CAMERA

Positioning the camera

Position #1



Position #2



Setting up the TV

1

Turn TV on

Power



If monitor is not displaying the correct channel

2

Press 'Source' and select **AV**

Source

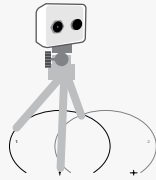
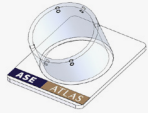


After a few seconds the AV channel will display the camera view

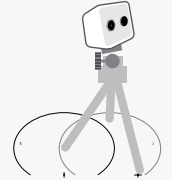
SET UP

SETTING UP THE TASKS

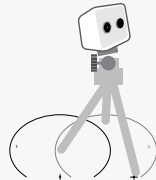
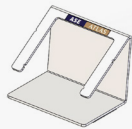
Needle Handling



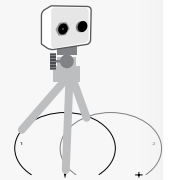
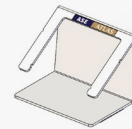
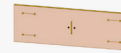
Offset-camera Forehand Suturing



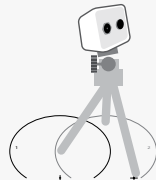
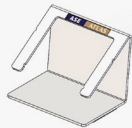
Offset-camera Backhand Suturing



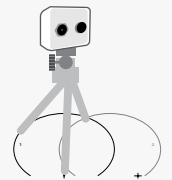
Confined Space Suturing



Suturing Under Tension



Continuous Suturing



INSTRUMENTS AVAILABLE FOR PURCHASE

Maryland Dissector

50381



Endoscissors

50383



Needle Driver

50384



Part No: 965-512

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