



## ANDY - SURGICAL ROBOT

TECHNICAL SHEET



## andy

- ▶ Active collaborative robot: 7 axis
- ▶ Mobile system, Plug-and-Play
- ▶ Alignment with cutting planes: real-time leg tracking
- ▶ Controlled or automated cuts
- ▶ Oscillating blade (2 mm)
- ▶ User autonomy
- ▶ Weight: 230 kg
- ▶ Dimensions: (W × D × H) 79.3 x 45.5 x 165 cm
- ▶ Standard connections



## amplivision

- ▶ Imageless registration
- ▶ MA / KA / rKA / iKA alignment strategies
- ▶ Ligament balance integration
- ▶ Adjustable cutting boundaries
- ▶ Use: stand alone or with robot
- ▶ Real-time tracking of blade trajectory
- ▶ HD camera (400 Hz)
- ▶ Weight: 26 kg
- ▶ Dimensions: (L x P x H) 53 × 42 × 76 cm
- ▶ Standard connections

Ref	Designation	Qty
3-0601000	andy - surgical robot	1

Ref	Designation	Qty
3-0401004	Amplivision V4	1

## Product description

### Robotic associated devices



#### Reusable instrument sets

Ref	Designation
2-02999161	andy universal
2-02999162	andy dedicated

#### Saw attachment

Motor attachment for robot arm called Robotic oscillating saw attachment.

*Reusable oscillating saw screwed onto robotic arm. Holds a saw blade for resections.*

Ref	Designation
2-1202000	Robotic oscillating saw attachment



#### Reusable instruments

Arrays, Modular pointer, etc.



#### Sawblade 2 mm thick

Specific to andy system

Ref	Designation
2-1202001	Standard non sterile sawblade for robot



### Sterile disposables

#### Sterile markers projection resistant

Infrared tracking system  
*Fixed on arrays.*



#### Sterile passive spheres NDI

Infrared tracking system  
*Attached to the probe and acquisition pallet.*

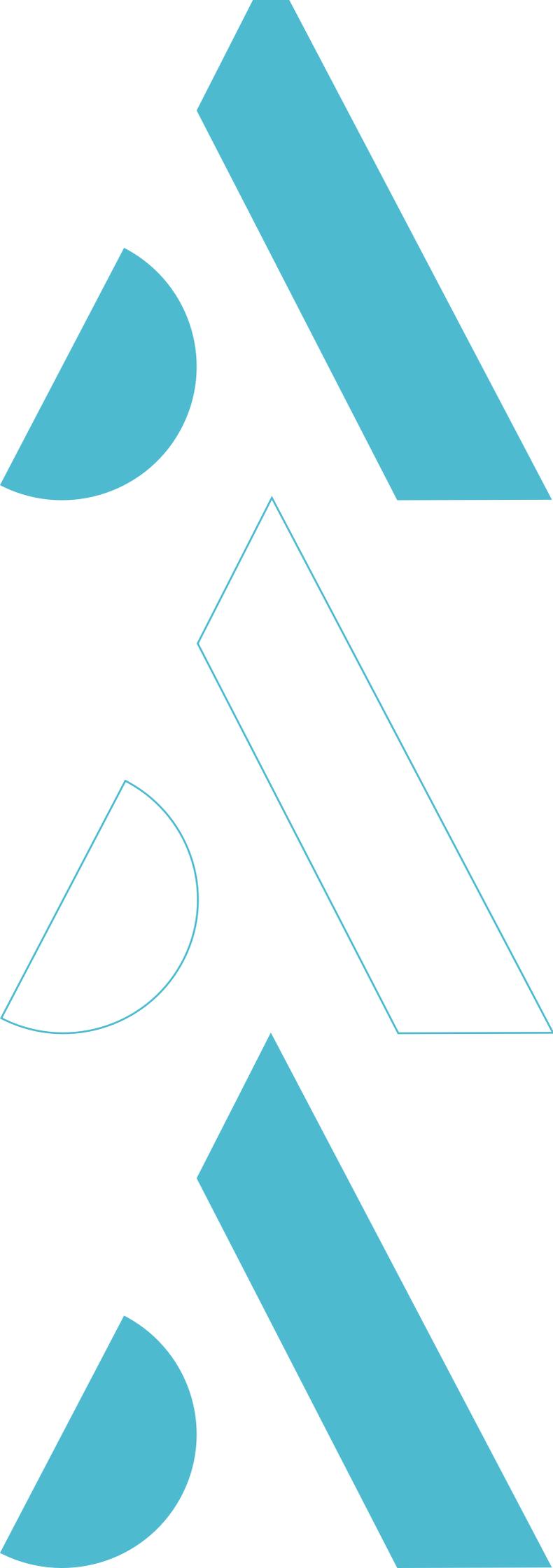


#### Sterile drape

*Ensures the aspesia of the robotic arm and part of the cart.*



Ref	Designation	Qty/10 surgeries (1 pack)
2-0301000	Projection resistant sterile markers (by 16)	10
E6843	andy - sterile drape	10
8800965	NDI Passive Spheres - 18 spheres(2x9)	5
2-0252200	AMPLIVISION Navigation Pin	10



Name	References
andy - surgical robot	3-0601000
AMPLIVISION V4	3-0401004
andy universal	2-02999161
andy dedicated	2-02999162
Standard non sterile sawblade for robot	2-1202001
Projection resistant sterile markers (by 16)	2-0301000
andy - sterile drape	E6843
NDI Passive Spheres - 18 spheres(2x9)	8800965
AMPLIVISION Navigation Pin	2-0252200

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