

A close-up photograph of a dark, circular object with a textured, concentric ring pattern. In the center is a circular lens or opening that reflects light, creating a bright, elongated reflection. The object appears to be a component of a microscope, possibly a stage or a lens holder.

ZUZI
model 195
motorized
operation
microscope

New Zuzi operation microscope with the best features especially aimed to Veterinary field. With binocular head and 3 magnification positions, it is provided with a wide field of view; moreover, the fine focusing by means of a foot control switch allows to offer the ideal features for an easy and comfortable operation.

motorized operation microscope model 195 features:

Structure

- [1] Long distance pantographic arm to move the head of the microscope up and down; it is provided with fixation screws to hold the head at the desired position.
- [2] H-shaped base with 4 wheels and brake to easily move the microscope and fix it at the adequate place.

Optic system

- [1] 45° inclined binocular head with interpupillary distance adjustment and dioptric correction.
- [2] Wide field eyepieces supplied with eyecups to reduce the interferences caused by the external light.
- [3] The head is provided with 3 magnification positions easily interchangeable by turning the corresponding knob; see chart of magnification and field of view for more information.

Illumination system

- [1] Cold light source by 12V/100W reflection halogen lamp; with illumination intensity adjustment system.
- [2] Fibre optics coaxial illumination system that allows a uniform and shadow-free illumination on the surgery area.
- [3] Illuminated field of 40 mm-diameter
- [4] Supplied with a complete module for an easy and fast lamp replacement. In case the lamp is blown during surgery, it is just necessary to remove the blown lamp module and replace by the spare module.

motorized operation microscope model 195 accessories:

The new Zuzi operation microscope model 195 is supplied with the following accessories:

- [1] Fine focusing motorized system, by foot control switch with 2 switches for moving the head up or down.
- [2] Autoclavable caps for head handle and fixation screws.

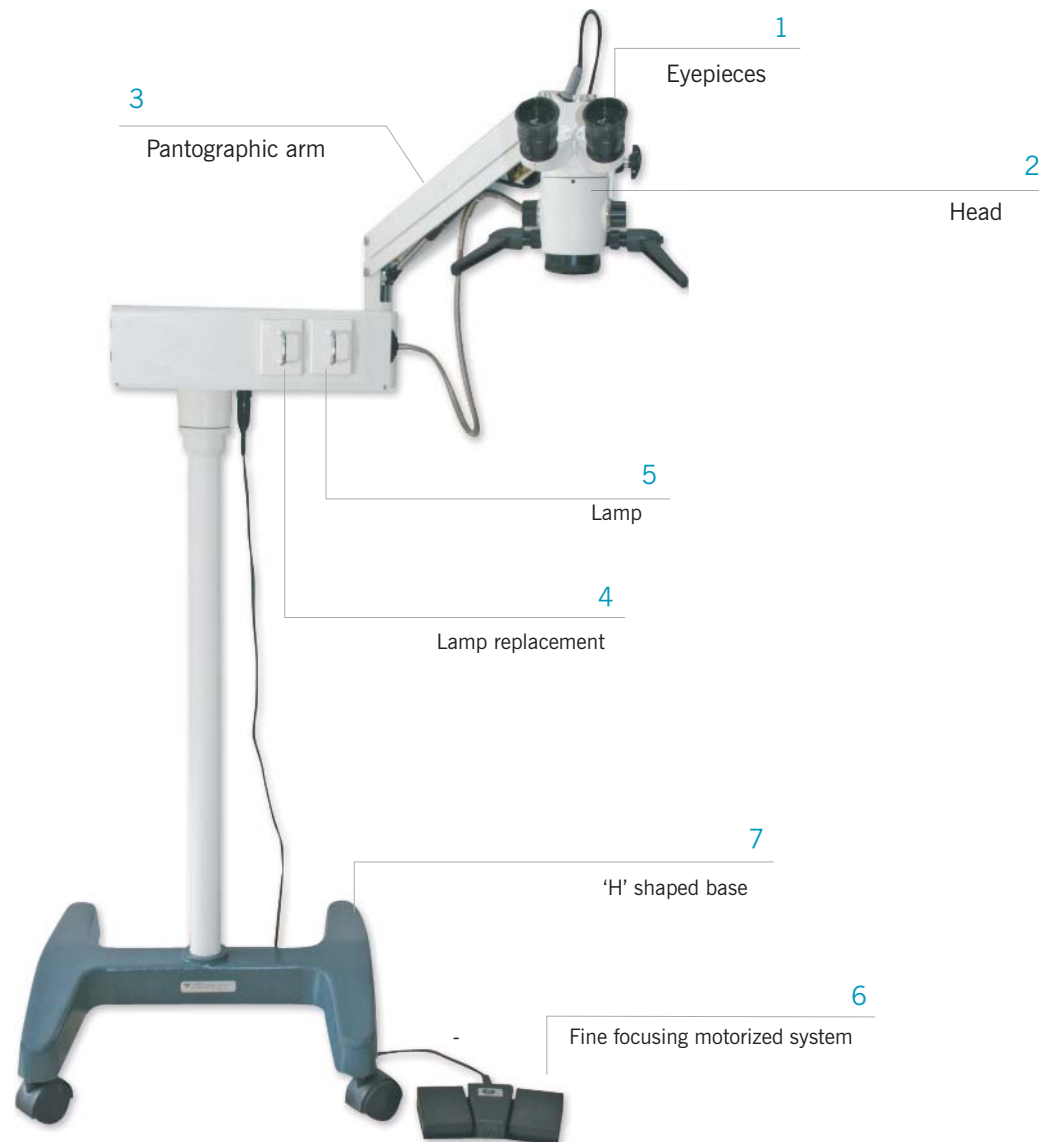
Moreover, features of the equipment can be increased by means of the following available accessories (not included)*:

- [1] Straight binocular head and universal support for ENT surgery.
- [2] Beam splitter and CCD adapter for videocamera connection.
- [3] 10x eyepieces
- [4] Table stand
- [5] Additional objectives (f175, f250, f300, f350, f400)

* Contact us for more information on these accessories.

motorized operation microscope, model 195

motorized operation
microscope
model 195
equipment
parts



motorized operation
microscope
model 195.
technical features:

Code	HBK005
Model	195
Eyepieces	12.5x16B
Objective lens	f=200 mm
Working distance	190 mm
Magnifications	5.3x, 8x, 12x
Field diameter	37 mm, 25 mm, 16.7 mm
Dioptre correction	+/-6D
Interpupillary distance	50-80 mm
Max. resolution	100 LP/mm
Light source	Cold light by halogen lamp 12V/100W
Illumination type	6°+0° coaxial cold light source
Coaxial illumination	≥30000lx
Reaching radius of arm	870 mm
Vertical adjustment range	700-1100 mm
Fine focusing range	30 mm
Voltage	AC220V±22V / 50Hz±1Hz; AC110V±11V / 50Hz±1Hz
Fuse	Type T AC250V 1.25A; Type T AC125V 2.5A
Working conditions	10/40°C; 30/75% RH; 50/1060 hPa
Power	120VA
Weight	41 Kg

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Chart of magnification and field of view

Objective	Total magnification	Diameter of field of view (mm)	Observations
F200	5.3x	38	Standard
	8x	25	
	12x	17	
F250	4.2x	47.5	Optional
	6.4x	31	
	9.6x	21	
F300	3.5x	57	Optional
	5.4x	38	
	8x	25	
F350	3x	67	Optional
	4.6x	44	
	6.8x	30	
F400	3x	76	Optional
	4x	50	
	6x	34	