

I Claim:

1.A surgical instrument 200 for performing an endoscopy or a laparoscopy, the surgical instrument 200 comprising:

an adaptive element 100 capable of holding eyepiece of an endoscope 210 and a laparoscope 220.

2.The surgical instrument 200 as claimed in claim 1, wherein the adaptive element 100 with camera chip blocks is arranged on a camera head cover 150 of the surgical instrument 200.

3.The surgical instrument 200 as claimed in claim 1, wherein the adaptive element 100 is a holder having a cavity 110 which allows the eyepieces to fit positively therewithin.

4.The surgical instrument 200 as claimed in claim 1, wherein the adaptive element 100 includes a locking arrangement 120 and a focusing ring 130.

5.The surgical instrument 200 as claimed in claim 3 and 4, wherein the locking arrangement 120 is for securely locking the eyepieces of the endoscope 210 and the laparoscope 220 inside the cavity 110.

6.The surgical instrument 200 as claimed in claim 5, wherein the locking arrangement 120 is provided with a locking head 120a which extends outside the adaptive element 100 when the eyepieces are engaged within the cavity 110

7.The surgical instrument 200 as claimed in claim 1, wherein a camera control unit 160 is connectively arranged with the surgical instrument 200 allowing

monitoring and visualizing required 2D visuals and 3D visuals corresponding to the medical requirement.

8.The surgical instrument 200 as claimed in claim 2, wherein the camera head cover 150 is provided with a touch pad switch 152 to toggle between the modes of surgeries from 2D endoscope and 3D laparoscope.

9.The surgical instrument 200 as claimed in claim 8, wherein when the touchpad switch 152 is engaged to select 2D endoscope 210 surgeries, the camera control unit 160 automatically switches to 2D endoscope mode thereby allowing the user to visualize 2D images required for performing surgery.

10.The surgical instrument 200 as claimed in claim 8, wherein upon selecting 3D laparoscope 220, the camera control unit 160 automatically switches to 3D laparoscopy mode to perform the respective surgeries.