



Quality Creates Value Detail Makes Difference

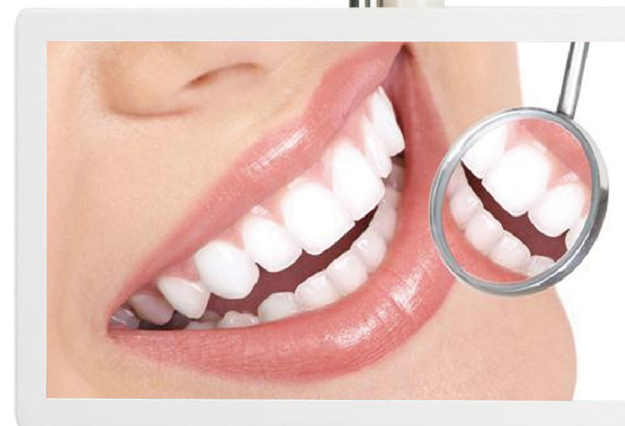
## Mobile LED Dental Surgical light with HD camera system

### Clearness

- 1080 HD solution record the surgical process clearly in order to improve the integrity of dental surgical records.
- Extraordinary color rendering greatly promote teeth whitening, repair projects etc.
- Synchronous transmission without delay; Synchronous movement and imagery contribute to the medical conference and the teaching work smoothly.
- Auto focus function always keeps the clear surgical image

### Shadowless

- Irradiation with LED cold light for a long time, the temperature on the doctor's head and wound is less than 2°C.
- Perfect shadow less effect helps doctor can see clearly the surgical field completely.
- 120mm deep cavity illumination for dentists seeing patients' oral clearly to avoid any surgical errors.
- German imported LED chips with high color reproduction.
- Smart touch control panel controls the LED lamp and camera system easily, fast and conveniently.
- Adjustable illumination and diameter of operating field meet to doctors' individual operation habits.
- Dischargeable sterilized handle can be sterilized in autoclave for more than 3000 times for the sterile environment.





### Convenience

- External dental surgical lamp can avoid the lighting shake during the operation.
- The stable mobile base and flexible balanced arm ensure the lamp head reach any position to provide the perfect surgical lighting.
- HD monitor can be moved up and down, so the images can be observed easily from all sides.
- Mute and smooth movement, easy lock.

### Option:

- Integrated battery for 8 hours continuous use.
- Integrated bracket, can be placed PC or HD recorder.

| Parameter      |                             |                                    |
|----------------|-----------------------------|------------------------------------|
| Surgical light | Illumination (Lux)          | 24000-120,000                      |
|                | Color rendering index (Ra)  | ≥95                                |
|                | Color temperature (Kelvin)  | 4300                               |
|                | Lighting spot diameter (mm) | 120-240                            |
|                | Depth of illumination (mm)  | 1200                               |
|                | Service life LED (H)        | 50,000                             |
|                | Diameter of light head(mm)  | 400                                |
| HD camera      | Total pixels                | >200 million pixels (1920×1080)    |
|                | Aspect ratio                | 16 : 9                             |
|                | Video recording             | 1080p                              |
|                | Lens                        | 10*optical zoom & 12* digital zoon |
|                | White Balance               | the signal can be adjusted         |
|                | Output connection           | HD SDI / HDMI                      |

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