

# 30 W Continuous Wave (CW) Thulium Fiber Laser (TFL) at 1.94 $\mu$ m & 2 $\mu$ m

## IPR STATUS

Indian Patent Filed

## APPLICATION/USES

- Lithotripsy
- Coagulation
- Thin tissue ablation

## SALIENT FEATURES

- Thulium fiber laser at operating wavelength of 1.94 $\mu$ m

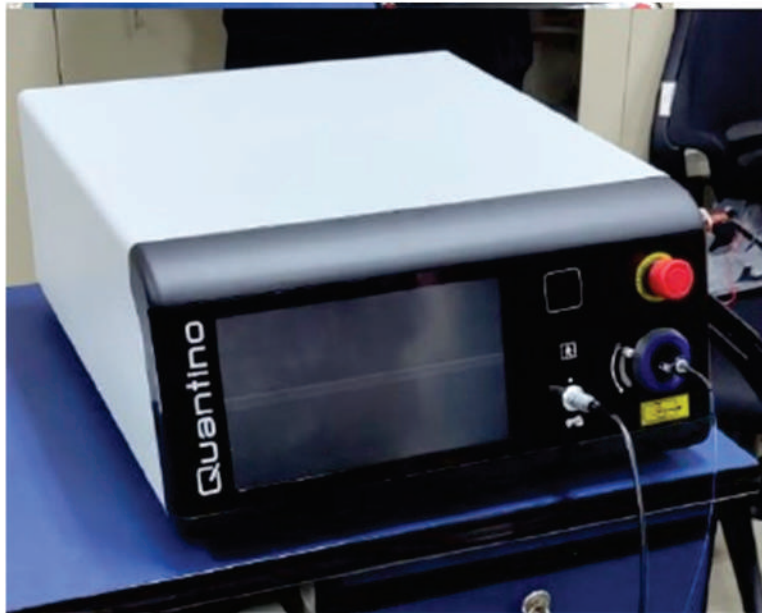
- Average power: 30 W, Modulated for frequency 10-1000 Hz, Pulse width 40  $\mu$ s-90 ms, Energy upto 2.7 J

## LEVEL/SCALE OF DEVELOPMENT

Ready tested Pilot Unit, Yet for certification and clinical validation

## LINE MINISTRY MAPPING/USER SECTOR

Ministry of Health and Family Welfare



Pilot Unit after Technology Transfer to Industry

