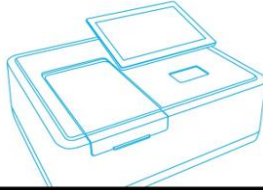




www.md-best.com

UV/VIS  
Spectrophotometer  
**Ubi-490**



UV/VIS  
Spectrophotometer  
**Ubi-490**

Specification

| Model                      | Ubi-490P (PC)                          | Ubi-490T (Tablet) |
|----------------------------|--|-------------------|
| Wavelength Range           | 190-1100nm                             |                   |
| Bandwidth                  | 2nm                                    |                   |
| Wavelength Accuracy        | ±0.5nm                                 |                   |
| Wavelength Reproducibility | 0.3nm                                  |                   |
| Photometric Accuracy       | ±0.3%T                                 |                   |
| Photometric Repeatability  | 0.2%T                                  |                   |
| Photometric Display Range  | 0-200%T, -0.3-3.0A                     |                   |
| Stability                  | 0.002A/h @ 500nm                       |                   |
| Stray Light                | ≤0.05%T@220nm, 360nm                   |                   |
| Data Output Port           | USB                                    |                   |
| Lamps                      | Deuterium Lamp & Tungsten Halogen Lamp |                   |
| Detector                   | Silicon Photodiode                     |                   |
| Power Requirement          | 220V/50Hz                              |                   |
| Dimension                  | 450x380x180mm                          |                   |
| Weight                     | 18kg                                   |                   |



**μ2 MicroDigital Co., Ltd.**  
 WINS-7th floor, 15, Pangyo-ro 228beon-gil,  
 Bundang-gu, Seongnam-si, Gyeonggi-do,  
 13487, Rep. of KOREA  
 TEL: +82-31-701-2225 FAX: +82-31-702-2225  
<http://www.md-best.com>



**μ2 MicroDigital Co., Ltd.**  
 microdigital

# Accessories (Optional)



**Automatic 8 cell holder**  
Measure 8 Samples at once  
(Included with the product)



**Micro Volume cell holder**  
Measuring Samples below 500µl



**Film cell holder**  
Optical Film or Glass Slides  
Measurements



**Test tube holder**  
Measurement Through Test Tubes  
for Water Content Analysis

# UV/VIS Spectrophotometer

# Ubi-490



## Feature

### Increased Data Precision

Increased Wavelength Accuracy and Wavelength Resolution by using Lead Screw structure



### Secure and Stable

Uses 8mm optical mount with aluminum base for increased stability



### Long-Life Lamp

By using Reference Beam technology, the lamp doesn't have to be exchanged as often thus reducing cost and the Halogen lamp as well as the Deuterium lamp can be turned on/off as necessary



### Quartz Coating

Increased durability through Quartz Overcoating to protect the sensitive optical components from contamination

