

# TOBIAS Transmission Densitometer

## TBX2000™



### Transmission Densitometer

The **TBX2000™** measures **per cent opacity** and **transmission**. The data can be **uploaded to spreadsheets** via its **USB** port. (An **optional** program or software **needs to be purchased** to do this.).

The **TBX2000™** can show **deviations** from **a stored reference value** for **all** functions.

### FEATURES:

- Soft key menu operation
- **Advanced** optical system to meet various industries' specifications
- 7.5 inch throat to measure large samples
- Readings are **very repeatable** with a **high degree** of **accuracy**
- **Optional** band pass filter
- **USB** port (As a **standard** feature)
- Software calibration
- **Switchable** LED table lamps
- Excellent for measuring **optical densities** of **metallized films**

### SPECIFICATIONS:

<b>Optical Design</b>	ANSI PH2.19
<b>Display</b>	Graphical LCD (128 x 64 pixel)
<b>Apertures</b>	1, 2, 3 mm
<b>Dimensions</b>	13 (length) x 9 (width) x 4.5 (height) <b>inches</b> ( 330 x 229 x 114 <b>mm</b> )

<b>Throat Length (Arm)</b>	7.5 inches (191 mm)
<b>Output Port</b>	<b>USB</b>
<b>Power</b>	<b>12V</b> via <b>Universal</b> 110 / 220VAC <b>Adapter</b>
<b>Measuring Range</b>	<b>0 to 6.6OD</b>
<b>Accuracy</b>	+/-0.02D
<b>Precision</b>	+/-0.01D
<b>Warm-up Time</b>	None

**OPTIONS:**

<b>Model</b>	<b>Part No.</b>	<b>Functions</b>
<b>TBX2000</b>	FD343-20 (USA) FF343-20 (Intl.)	<b>Density ;</b> <b>Density Difference ;</b> <b>% Transmission ;</b> <b>% Opacity</b>