

BLACK LIGHT TEST FOR AFLATOXIN

The Black Light test is extremely convenient as a screening procedure for the detection of Aflatoxin in corn. The detection of bright greenish-yellow fluorescence indicates there may be mold present that can produce the toxic Aflatoxin. It is necessary to grind (or crack) the corn before the sample is scanned with the Black Light (see pages 14-16 for grinders and mills). Care should be taken to ensure that the samples are fresh because the fluorescence is not stable and will eventually disappear although the toxin itself remains. Because there are other molds and fungi which can produce fluorescence, further tests should be conducted to determine the presence of Aflatoxin and the levels at which it exists (see page 18 for Aflatoxin Test Kits). As little as 20 parts per billion of Aflatoxin is sufficient to render corn unfit for human consumption.

SEEDBURO BLACK LIGHT

The Seedburo Black Light Cabinet is used to illuminate your samples and is equipped with 15 fluorescent bulbs with an intensity of 365 nanometers. It is used to test samples. Net wt. 14 lbs. Ship wt. 15 lbs. Actual dims 15" L x 13" W x 13" H. **MADE IN USA**



- Black Light Cabinet, 110V, 60Hz No. K22
- Transformer for 220 volt operation No. K22
- Replacement Bulb, 15 watt No. 229B

SUPER HIGH INTENSITY ULTRAVIOLET LAMP

The Seedburo SB100P "Super" High Intensity Black Light is ideal for detecting low-level fluorescence or for use in brightly lit areas. The unit features a spot bulb (flood bulb available) that provides a concentrated beam with a steady-state 365 nanometer intensity. Unique engineering polymer housing makes this lamp extremely impact resistant and dentproof. A flexible, silicone rubber filter holder is easily removed (without tools) for bulb or filter replacement. The unit is supplied with UV-absorbing glasses for your protection. Net wt. 13 lbs. Ship wt. 14 lbs. Ship dims 15" L x 12" W x 10" H.

- Super High Intensity Ultraviolet Lamp, 120V, 60Hz No. SB100P/B
- Super High Intensity Ultraviolet Lamp, 230V, 50Hz No. SB100P/C
- Replacement Bulb No. SB100P/BULB
- Replacement Filter No. SB100F
- Heat Guard Stand No. SB100H
- UV Face Shield No. SB100FS
- Replacement UV Glasses No. SB100S



BATTERY OPERATED ULTRAVIOLET LAMP

This portable, battery operated lamp has a number of built-in features which allow you to use it anywhere. Includes a 6-volt rechargeable battery, a built-in AC charger and a charging cord. It's built to take tough use with durable, high impact plastic housing and stainless steel tube guard that protects against breakage. Battery life is approximately 7 hours with a 24 hour recharge (can not be used when recharging). Net wt. 3 lbs. Ship wt. 4 lbs. Actual dims 5-3/4" L x 3-1/4" W x 10-3/4" H. Ship dims 10" L x 6" W x 12" H.

MADE IN USA

- Battery Operated 6 Volt UV Lamp with 115V, 60Hz Recharger No. B260/B
- Battery Operated 6 Volt UV Lamp with 230V, 50Hz Recharger No. B260/C
- Replacement Bulb, 6 Watt No. B16B



HAND-HELD ULTRAVIOLET LAMP

The handheld UV light is compact and lightweight for on-site or field inspections. Provides four to six hours of use on 1.5-volt (AA) batteries (not included), or unlimited use when powered by an AC adapter. The unit features a self-filtered, long-wave UV tube that provides a concentrated beam of 365 nm. All units feature sliding light shield for trouble-free tube changing and effortless battery replacement. Each unit includes AC adapter, nylon carrying strap, and nylon travel pouch. Net wt. 11oz Ship wt. 2 lbs. Actual dims 2-1/4" L x 1" W x 9" H. Ship dims 10" L x 4" W x 12" H. **MADE IN USA**

- Handheld UV Lamp with AC adapter No. B200
- Replacement Bulb, 5 Watt No. B200B

