Sharpat Scan Kit

Patent Pending

Our goal is to provide a better product to streamline your student evaluations.

Thank you for <u>your</u> efforts!

Sharpat Bubble Test Scan Kit (Patent Pending) SPK-1 Assembly Instructions:

1. If desired, apply the four ½" Pads (H) into square imprints on the bottom of Receiver Box (A) to prevent sliding of the kit.
2. Place Stem (D) into desired receptacle. *Be aware of keying slot.*
3. Place Camera Assembly (C) onto end of Stem (D) as show in Fig. 1.
4. Use Twist Cabling Clip (F) to secure USB cable to Stem (D).
5. Insert Stem Extension (E) into any remaining receptacle.
6. For a smaller scan bed area insert the Partitions (G) into Partition Slot. (Fig. 1)
7. Plug Camera Assembly cabling into appropriate connection(s) on computer.
8. Start application program and center the Target Decal in the preview area.
9. Adjust camera lens for best focus of Target Decal which is for a flipped image.
10. The Sharpat Bubble Test Scan Kit is now ready for use.
11. For disassembly reverse steps 2 thru 7.
12. Place all components inside Receiver Box (A).
13. Attach Lid (B) to Receiver Box (A) using hinged snaps and away you go!
    Note: Cleats on underside of Lid (B) are to ensure correct positioning of lid.

Parts List: SPK1

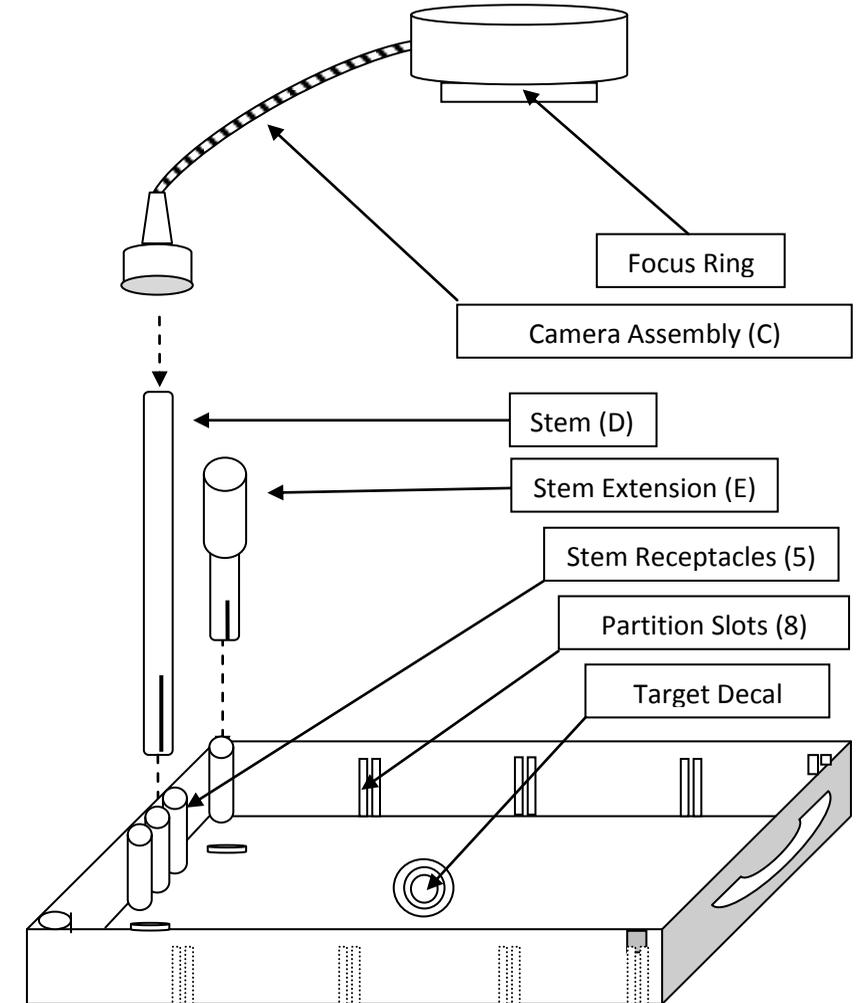| A. Receiver Box	K1-001	E. Stem Extension	K1-005
B. Lid	K1-002	F. Cabling Clips (1) - *(not shown)*	K1-006
C. Camera Assembly	K1-003	G. Partitions (2) – *(not shown)*	K1-007
D. Stem	K1-004	H. ½" Pads (4) – *(not shown)*	K1-008

Tips for using the Sharpat Bubble Test Scan Kit (Patent Pending) SPK-1:

- Check/Adjust camera position to view test answer sheet(s) in the Receiver Box.
  Note: Maximize bubble answer sheets within the viewing window for best scanning.
- Check focus and orientation using the Sharpat Kit target decal.
  Note: Target Decal orientation is a flipped image using GradeCam software.
- Use Stem Extension (E) plugged into bottom of Receiver Box (A) to tilt box up to alleviate glare issues, if any.
- Use an appropriate web browser. (Chrome, Firefox, or Safari recommended.)
- This camera has 6 LED's which may be utilized in case of poor lighting. There is a dimmer control on the USB cable to allow you to adjust for best lighting.
- Stems may be plugged into Receiver Box from either side to accommodate over-sized test sheets.

Other configurations:

- When the kit is assembled it is effectively one unit and can be relocated without having to readjust the camera assembly for position and focus.
- The Receiver Box can handle multiple cameras. The same camera may be utilized for video conferencing using software such as Skype or for photos/videos using open source (free) software such as YAWCAM (Yet Another WebCAM)
- For more hints and tips please see our website.

Please contact us if you need additional assistance.

Focus Ring

Camera Assembly (C)

Stem (D)

Stem Extension (E)

Stem Receptacles (5)

Partition Slots (8)

Target Decal

Fig. 1 – Scan Kit Assembled onto Receiver Box (A)

Please contact us at
support@sharpatkits.com
if you need more help.

Fig. 2 – Lid (B) with hinged snaps