# CAP TCN Imaging Station Equipment Recommendations

Note that these are all recommendations. If you already have other equipment (e.g., a barcode scanner or computer) you need not purchase new equipment from this list.

**Don’t forget to order your barcodes!!**

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| Item | Expected price | Source(s) |
| Nikon D800E 36.3 MP CMOS FX-Format Digital SLR Camera  (if you cannot find this model, a D800 or D810 would also work) | $1200 | [Amazon](https://www.amazon.com/Nikon-D800E-FX-Format-Digital-Camera/dp/B005OL2ID2), etc. (note that this model is no longer supplied by Nikon, you will need to purchase from a third party) |
| If not included with your camera, UC-E14 USB Cable that connects camera to computer | $31 | B&H Photo, Amazon, etc. |
| Nikon AF FX NIKKOR 50mm f/1.8D Lens | $150-220 | [Amazon](https://www.amazon.com/Nikon-NIKKOR-50mm-1-8D-Cameras/dp/B00005LEN4), [Best Buy](https://www.bestbuy.com/site/nikon-af-s-nikkor-50mm-f-1-8g-standard-lens-black/3188049.p?skuId=3188049&cmp=RMX&extStoreId=396&ref=212&loc=1&gclid=CjwKCAjwo_HdBRBjEiwAiPPXpHPcJ2rM1MBaTivTtK0bL22F5s-utAJm0Bh29GgIt7SOxauh0cMfaBoCKiIQAvD_BwE&gclsrc=aw.ds), etc. |
| Nikon EP-5B Power Supply Connector | $48 | [Amazon](https://www.amazon.com/Nikon-EP-5B-Power-Supply-Connector/dp/B004FPQH5I), etc. |
| Nikon EH-5C AC Adapter | $100 | [B&H Photo](https://www.bhphotovideo.com/c/product/742056-REG/Nikon_27014_EP_5B_Power_Supply_Connector.html), Amazon, etc. |
| Ortery Photosimile 50 lightbox | $1500 + ~$300 shipping | Email Grant Grzecka <Ggrzecka@ortery.com>.  Say you are with Cal Poly and copy Katie so he knows you’re with us. Grant will need your billing and shipping address as well as how you would like to pay. They accept credit card, bank wire transfer, or check. It arrives in about 2 days! |
| Symbol LS2208 General Purpose Barcode Scanner | $80 | [Amazon](https://www.amazon.com/Symbol-General-Purpose-Barcode-Scanner/dp/B002W2USO2/), etc. |
| Goose neck stand for Symbol Scanner LS2208 | $13 | [Amazon](https://www.amazon.com/Goose-Stand-Symbol-Scanner-LS2208/dp/B002KEQ7FG), etc. |
| Tiffen Q-13 Color Separation Guide (Small) | $32 | [B&H Photo](https://www.bhphotovideo.com/c/product/714596-REG/Tiffen_EK1527654T_Q_13_Color_Separation_Guide.html?ap=y&gclid=EAIaIQobChMIgaqO2uX-3QIVFcNkCh33qgEtEAQYAiABEgKMkvD_BwE&smp=y) |
| Imaging computer with 4+ GB of RAM and 500+ GB of internal storage, preferably with a solid state drive (SSD), reasonable graphics card, more than three USB ports (USB 3.0 preferred); Mac or PC OK | up to $1200 | Best Buy, Costco, Amazon, etc.  OBI is going to use the iMac we already have  Examples: [HP Pavilion i3](https://www.bestbuy.com/site/hp-pavilion-desktop-intel-core-i3-8gb-memory-1tb-hard-drive-128gb-solid-state-drive-hp-finish-in-twinkle-black/6203109.p?skuId=6203109), faster = [HP Pavilion i5](https://www.bestbuy.com/site/hp-pavilion-desktop-intel-core-i5-8gb-memory-1tb-hard-drive-16gb-solid-state-drive-gray-silver/6255034.p?skuId=6255034) |
| (If desktop computer) Good quality computer monitor |  |
| (If desktop computer) Mouse and keyboard |  |
| Ethernet cable | $5 (likely available for free through your IT department) | |