Who's Got What Gear?

Institution	Contact	Equipment	Willing to Share Experience?	Willing to Share Expertise?	Willing to Share Equipment?	Willing to collaborate on format-based grants?	Last Updated
York University	Anna St. Onge, Nick Ruest	Scanners - Epson 10000XL (x4), BetterLight overhead scanner for maps/posters Digitization suite for video - SAMMAsolo (underutilize) Video- VHS, 1" Video Tape (BVH 2000), U-Matic Audio - reel-to-reel: TASCAM-32, TEAC X300R, Philips N4504, Sony TC-630, Fostex A-series, Audio- tape cassette: Nakamichi 681ZX New media *creation* equipment (part of a new lab pilot project) including: • VR headsets • AV recording/editing equipment/software geared towards amateur users that can be lent out to York students/staff /community (mobile lighting kits, Zoom recorders, microphones, 360 cameras, etc.)	Yes	I'm not sure if we have any yet	Willing to host visitors - in-kind exchanges	YES!	
University of Toronto	Stephen Marks	Digital media - Kryoflux, FC5025, Modular write blocker kit (Firewire, SATA/IDE, USB, SAS)	Yes	Yes, such as it is	Yes, though Kryoflux has some licensing issues. We can chat. =)	👍	
Queen's University	Jeremy Heil	ARCHIVES Scanners – Epson Perfection V750 Pro, Epson Perfection 4870 Photo, Fujitsu fi-4750C, Canon EOS 60D DSLR Microfilm – ScanPro 2000 scanners (x2) Video – VHS (x2), Beta (x2), U-Matic (x2), ½" Tape (Sony AV-3600), Video 8 (Sony EV-S350) Video Digitization - BlackMagic Express, Miranda DV-Bridge Pro (Firewire), AV Tool Time Base Corrector, Sima Color Corrector Audio – Reel-to-reel: Ballfinger M 063 H5 (3¼. 7½, 15 ips), ReVox B77, ReVox A77 (both play 3¼ and 7½ ips), Sony TC-270 (1 7/8 ips); Cassette (x2); Microcassette; TASCAM DA-20 DAT, Denon DP450USB Turntable (33, 45, 78 rpm) Audio Digitization - Sound Devices MixPre II USB peripheral drives – 3½" floppy, 5¼" floppy, iOmega Zip 250 Digital media - FRED, Tableau forensic bridge (USB3 write blocker) LIBRARY Scanners – Epson Perfection V600 Epson GT-15000 book2net Spirit Konica Minolta MS6000 MKII microform scanner ScanPro 2000 microform scanners (five) ST 200-DFV digital microform scanner	Yes	Yes	Depends on the equipment (would require in-house use for some pieces - but we love having visitors!)	Yes	
Brock University							
Laurentian University	Dan Scott Marthe Brown	Atiz Bookdrive Pro w/ Canon EOS 5D Mark II cameras Microform - ScanPro 3000 scanner	Yes	I'm sure we have none	Maybe	Probably	2020-05-14
University of Guelph	Curtis Sassur	Epson Expression 10000 XL scanners,					
OCAD	Victoria Sigurdson	Scanners - Epson 10000XL X2, Epson V700 Photo, HPN9120 (high capacity document scanner, flatbed too) X2 Digitization suite for video (in progress)- MacPro, DeckLink Studio, UltraScope Video- VHS X2 (JVC) , U-Matic X2, DVD X2 (Samsung), DV/Mini DV (JVC BR-DV3000U), Hi8 (Sony) Audio- Cassette deck (Luxman K-111) Cameras - Nikon DSLR X2 (D700, D200) Copystand - Kaiser rePro Photography equipment - lights, backdrop, reflectors, softboxes, tripod, etc.	Sure	Sure (we've been focused mainly on digitizing images and text)	Depends on equipment, loan duration, and local needs.	Yes (pending UL approval)	

Ryerson	MJ Suhonos Alison Skyrme	Epson Expression 10000 XL scanners Audio cassette deck - harman kardon CD 191 Digital camera - Nikon D40 K1 Camera / Copy Stand Solution (30"x40") ; TT1 Work Station 3040 ; X71 Digital Camera 71 MP "Viewscan III Digital viewer/scanner (includes universal carrier, USB3, 7x-105x lens, 14MP camera)" Book2Net scanner	Yes	yes, to the extent that we have it.	Willing to host visitors - amenable to considering in-kind exchanges	Yes, pending approvals.	
McMaster University	Gabriela Mircea	Kirtas 2400-RA Robotic Scanner (Kirtas BSE, Kirtas KILTS, Kirtas OCR Manager) Extra-wide format scanner SmartLF Gx+ T56 (Suitable For: Reprographics, Mapping & GIS, Aeronautics & Automotive And Other Over Size Large Format Documents) Epson Expression 10000 XL scanners Cannon ImageFormula DR-4010 scanner	Yes	Yes	Depends on the equipment	Yes	
Western University	Leanne Olson	Extra-wide format scanner SmartLF Gx+ T56 Epson Expression 10000 XL scanner Atiz Bookdrive Mark II w/ Canon EOS 5D Mark IV cameras	Yes	Yes	Depends on equipment	Yes	24-Jan-2020
University of Windsor	Devon Mordell	(still in the inventory stage)	Yes	If we can contribute any, most certainly	Yes, if okay with making the trip to lovely Windsor	Yes - probably should mention the pending UL approval part as well	7-Oct-2019
Library and Archives Canada / Digipres Division	Tom Smyth	FRED x2 Archive-IT account holder since 2013 Extensive hardware museum for migrating legacy carriers Lots of external encrypted USB drives/keys (FIPS) TEMPEST and EMSEC equipment /expertise Epson Expression 10000XL Macs (Macbook Mini / Pro / Air) Spinning up Preservica	Yes	Yes (Digital government and private archives; digital library; Web Archiving Program; Digital Preservation Program; PAIMAS for records).	Willing to host visitors / send us your students!	Perhaps? If a federal body can be in-scope	7-Oct-2019
Trent University	Dwayne Collins	PhaseOne XF IQ1 60MP • Lens: Schneider Kreuznach 80mm LS f/2.8 Nikon D7500 • AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR • AF Zoom-NIKKOR 70-300mm f/4-5.6G Kaiser rePRO column and Hensel Expert D500 lights 2x IA Scribes BlackMagic Intensity Shuttle USB 3.0 Focusrite Scarlett 6i6 Equipment is part of our Odette Critical Making Studio (Full list maintained at: https://www.trentu.ca/library/odette-critical-making-studio)	Yes	Yes	Willing to host visitors, possibly open to lending equipment for projects on ad hoc basis	Yes	2021-06-24

2.Comparison of Scanner types in general

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Scanner type	**Flatbed**	**Overhead**	**Drum**	**Slide/Film**	**Microfilm**	**Digital Camera**
Unique feature		OCR (Optical Character Recognition)				
Sensor Technology*	CCD/CIS	CCD	PMT	CCD	CCD	CCD/CMOS
Media Types**	R, T	R	R, T	T	T	R, T
Tonal Range***	B/W, G, C	B/W, G	G, C	G, C	B/W, G, C	G, C
Typical Size Limitations (inches)	11x17		12x17	35mm, 4x5	35mm. Some handle 16mm & 105mm, fiche	None
	8.5x14 w/ADH****	24x18				
	8.5x11 low-end					
Resolution Range (dpi)	300-1200	300-600	1200-8000	1000-5000	5000-8500	Pixel array: 1600x1200—12000x10000
Price Range (US$)	50-50,000+	35,000-100,000+	10,000-100,000+	500-30,000	40,000-250,000	200-40,000
Typical Use	single leaf, bound volumes (overhead type)	oversize	pre-press	orig. slides, intermediates	film, fiche, aperture cards	bound volumes, 3-D, fragile, oversize

* CCD=Charge Coupled Devices; CIS=Contact Image Sensor; PMT=Photomultiplier Tube; CMOS=Complementary Metal Oxide Semiconductor

** R=Reflective; T=Transparent				
*** B/W=Black and White; G=Grayscale; C=Color				
****ADH=Automatic Document Handler				

Other University Libraries:

1. **McGill**:

No.	Name	Price
1	**Kirtas KABIS I** Page images are captured using the latest Canon 22MP cameras in full 24 bit color in a fraction of a second; one for left-side pages and one for right-side pages. The images can be captured at 325 dpi resolution with superior sharpness and excellent color fidelity. **Comment :** This scanner is very pricy and does not have a V-shaped glass.	blocked URL
2	Book2net V-Scan Cobra • Parallel use of two high performance CCD sensors with 40 Megapixel • High resolution of 300-800 ppi • 0.3 sek. scanning time / dualpage • 1.9 sek. processing time • Optimized signal to noise relation for OCR recognition • Need to have technicians come to adjust the cameras	blocked URL