Technical equipment in the Motion Lab
as of July 28, 2014

According to OSU Fire Regulations the maximum amount of people in the room is 49.
In case of performance this number includes performers and crew.

Room (350 at Sullivant Hall)

Size
44’ x 38’10”
sprung floor, covered with black marley
plus control area 23’10” x 11’08”
plus concrete patch 12’ x 12’
height to the grid: 16’02”
height to the curtain rails: 14’08”
height to the ceiling: between 18’ and 20’

Open control area positioned in the back of the lab (see ‘ground plan’)

All curtains run in rails (for layout please see ‘grid layout’)
Black velvet to cover three sides of the room
1 Projection Screen ‘Opera’ cream white (24 feet wide x 14 feet height)
1 black sharktooth scrim (24 feet wide x 14 feet height)
1 white sharktooth scrim (24 feet wide x 14 feet height)

1 framed Projection Screen (8 x 6 feet) on stands

Light

Lighting control system
1  ETC ION (1024 DMX addresses) with 2 x 20 fader wing
1  LAN Box LCX
15 ETC single dimmer units, 750W each

LED Lights
10 ETC - Source 4 Lustr+ 50°
4  ETC - Source 4 Lustr+ 36°
12 ETC - Source 4 Selador Desire D40
6 ETC - Source 4 Selador Pearl
2 barrels of each 50°, 36°, 26° and 19° for Source 4 Lustr+

**Incandescent Lights**
15 ETC - Source 4 575 W, 50°
2 ETC - Source 4 575 W, 70°
20 ETC Parsnel, 750 W

2 Roscoe I-Que, DMX controlled mirrors for ETC Source 4

**Sound**

**digital Mixing Desk**
1 Allen&Heath QU-16
Input:
16 mono channels, 3 stereo channels, USB
Output:
4 mono mix, 3 stereo mix, 1 main mix, USB

**Speakers**
6 Tannoy VX 12 each with flying bracket
1 Tannoy Power VS15 BP Subwoofer

**Amps**
4 Lab.Gruppen E-Series 8:2

**Active Speakers**
2 M-Audio BX5 D2
4 Event Electronics Alp 5

**Microphones**
2 Rode MT 5 matched pair
1 Rode NT2A
1 Shure SM 58
1 Electrovoice RE10
1 Shure 184 (Lavalier)
1 Azden SGM-1X shotgun
1 Alu Boom with shock mount

**Wireless Microphone System**
1 Sennheiser Evolution 100
with Lavalier and plug on Transmitter
more Microphones are shared with the Department of Dance
**Soundcard**
1 Motu 896 MK3

**Players**
1 CD Tascam SS-CDR200

**HD Video**

**VideoProjectors**
1 Panasonic PT-AE 7000u
3 Optoma TH 1060P
4 Optoma TW 610ST (short throw)
1 Optoma Pico PK 320

**Monitors**
1 Panasonic Viera 50” plasma HDTV
1 Samsung UN 40 EH 5300F
6 Acer G 245 HQ

**Cameras**
1 Canon XF 100
3 Canon Vixia HFM 52
1 Canon HDR HC 7

**Side Rack**
1 Gefen 8x8 HDMI Matrix Switcher
1 Atlona AT-HD 600 HDMI Scaler/Switcher
2 View HD 4x2 Switcher
1 Matrox Triple Head Display Port
2 Matrox Triple Head digital Port(DVI)
8 Atlona HDMI over CAT6 extender

**SD Video**

**VideoProjectors**
2 Sanyo Pro xtraX PLC - XU 78

**Cameras**
2 Canon DSR PD 150 (3chip)
2 Canon DCR-HC 38
1 Panasonic Lumix DMC-LX 2
**Side Rack**
1 Extron crosspoint 300 Matrix Switcher
2 Kramer Video Scaler VP 719

**More Peripherals and fancy Stuff**

**Video Players**
1 Panasonic DMP-BDT220P (Blu Ray)
1 Denon DN-V 200 (DVD)
1 JVC SR-DVM 600 (DVD and Mini DV)

2 Xbox Kinect sensor
2 Speco technologies IR Surveillance Camera
1 CCD Camera IR Fisheye
2 I-Sight Web Cam
2 EverPlex 4CQ 4x1 BNC switcher
1 Gefen 4x1 DVI switcher
1 Midiman USB 2x2 Midiport
2 Garmin eTrex Legend GPS
2 Canopus AD/DA Video Converter (cinch/s-video to firewire)
5 Camera Tripods
8 flying brackets for any projector
4 DMX controlled Dowsers
2 XLR-wired Dowsers

**Computer**

**Hardware**
1 Mac Pro 3.5 Ghz 6-Core with Mac OSX 10.9.3
1 Thunderbolt Display 2560x1440
1 23” Acer wide screen monitors

**Software**
Isadora Core
Max MSP Jitter
Final Cut Pro X
Soundtrack Pro
Q-Lab
LC Edit
DVD Studio Pro
I-Suite
Adobe Suite
Office Suite
And more....