



GENOMICS DIGITAL LAB

PLANT PROPERTIES
PLANT RESPONSE

LIGHT: WHITE

GASES: CARBON DIOXIDE - CO₂ & OXYGEN - O₂

LIQUID: WATER

CHLOROPLAST

LIGHT REACTION: 0 ATP | 6 NADPH | 4 O₂

CALVIN CYCLE: 0 SUGAR

of SUGARS CREATED: 0

MITOCHONDRIA

GLYCOLYSIS: 0 ATP | 0 NADH | 0 PYRUVATE

CITRIC ACID CYCLE: 1 ATP | 3 NADH | 2 CO₂ | 1 FADH₂

ELECTRON TRANSPORT: 0 ATP | 0 H₂O

of ATP CREATED: 1

NUCLEUS

TRANSCRIPTION: NON/VARIABLE

TRANSLATION: 0 PROTEINS

of PROTEIN CREATED: 0

SCORE: 29

INSIDE THE CHLOROPLAST: THE LIGHT REACTION GAME

ATP SYNTHASE | PLASTOCYANIN | CYTOCHROME COMPLEX | FERREDOXIN

MENU | OPTIONS | HELP | NOTEPAD | PRACTICE TAP | DYING



TROLLEY STAND WITH SHELF



PLUG AND PLAY



EASY ACCESS FRONT CONTROLS



CONSISTENT BRIGHTNESS



OPTIONAL INTERNAL PC



INFRARED MULTI TOUCH SCREEN



NO PROJECTOR REQUIRED



LED BACKLIGHT TECHNOLOGY

INTERACTIVE TOUCH DISPLAY

INTERACTIVE TOUCH DISPLAY



“The etched glass not only defuses the light, increasing readability but also makes touch movements smoother; essential when there are six touch points”

EASY ACCESS FRONT CONTROLS AND PORTS



Connect your laptop directly to the Interactive Touch Display with no fuss.

EASY TO MOVE THANKS TO OPTIONAL TROLLEY STAND



Either install onto a classroom wall or invest in a fully portable trolley stand - allowing for improved diversity. Use in any classroom you like or even the assembly hall for playing DVDs.

YOUR FINGER BECOMES THE MOUSE



Use your finger, stylus or anything else as your cursor. Also supports multi-touch, much like a smart phone, creating a whole new opportunity for group leaning and interaction.

MULTITUDE OF ADVANTAGES OVER PROJECTORS



Sharper image and greater contrast provide drastically superior readability and doesn't take its toll on your eyes. Also designed to last 16 times longer than most projector lamps and doesn't create annoying shadows.



RUNS FROM INTERNAL PC OR LAPTOP



You can either run the Interactive Touch Display directly from your laptop or invest in an internal PC.



ENVIRONMENTALLY FRIENDLY LED BACKLIGHT



LED backlights offer improved brightness, contrast, lifespan and power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly.

POSITION



Begin by wheeling your Interactive Whiteboard where ever you want to use it.

CONNECT



Connect to your laptop via USB and HDMI cables (or run from internal PC).

GO!



Away you go! Open the door to interactive group learning.

Screen Size	65 inch	70 inch	84 inch
Display Area (WxH mm)	1428x803	1553.4x875.6	1870.7x1056.8
Aspect Ratio	16:9		
Brightness (cd/m2)	500		400
Contrast	5,000:1		
Viewing Angle	178°		
Display Resolution	1920x1080		
Display Life	More than 60,000 hours	More than 50,000 hours	
Video	PAL/SECAM		
Speakers	2x15W		
Touch Technology	Infrared six-point touch		
Minimum Touch Object	≥5mm		
Response Time	≤5ms		
Positioning Accuracy	±2mm		
Interpolated Resolution	32768x32768		
Touch Interface	USB		
Operating System	6-Point - Android, Linux, Windows XP/2003/Vista/7/ 8 1-Point - Mac		
Touch Times	Unlimited		
Inputs (front)	USB (touch) x 1, USB (PC) x 1, VGA x 1, HDMI x 1		
Inputs (side)	AV/Audio x 1, S-Video/Audio x 1, VGA/Audio x 1, YPbPr/YCbCr, TV x 1, HDMI, Multi-Media USB x 1, Touch USB (Type B) x 1		
Outputs	AV/Audio x 1, Coaxial Digital Audio x 1		
Power Supply	AC 110-240V, 50Hz/60Hz		
Power Consumption	≤180W	≤230W	≤400W
Power Consumption (standby)	≤0.5W		
VESA Holes (WxH mm)	600x400	600x500	600x400 600x800
Unit Size (WxHxD mm)	1512.4x902.4x74.7	1634x976x69.6	1948.4x1162.4x93
Package Size (WxHxD mm)	1735x1165x315	1834x1220x315	2300x1570x505
Net Weight (kg)	67	85	121
Gross Weight (kg)	77	75	316
Working Temperature	0°C		
Storage Temperature	5°C		
Working Humidity	10%		
Storage Humidity	35%		
Accessories	Remote Control x 1, HDMI Cable 1.5M x 1, USB Extension Cable 1.5M x 1, Power Cord x 1, AAA Battery x 2		