

ENDURO™ GDS TOUCH GEL DOCUMENTATION SYSTEM



The ENDURO GDS Touch is an integrated system for DNA analysis and gel documentation. It is based on the GDS but incorporates an integrated tablet PC with a three position filter wheel with both EPI-Blue and EPI-White light sources standard. The market has shown a growing demand for being able to image DNA at higher wavelengths so as to prevent DNA nicking for downstream applications. The powerful EPI-Blue light can discriminate bands stained with SYBR SAFE up to 3 levels of magnitude greater than imagers using blue light conversion screens. Just like the ENDURO GDS, there is no need to touch the camera. Installation and operation is simple and acquisition of image can be achieved in 4 touches of the tablet. The Enduro GDS Touch is ideal for life science research labs who need a flexible system with a small footprint.



SPECIFICATIONS

Camera Resolution	5MP
Lens	Manual F 1.4 Lens (No Focus Required)
Field of View	20cm x 24cm
Standard Illumination	Epi blue and white light, 302 or 365nm UV transillumination
Pull out UV	For visualizing and cutting bands
System Controls	Integrated Touchscreen computer
Filter	Three position (EtBr included)

Image Capture Software

Annotation and email features	Yes
5 minute auto shut-off of UV	Yes
UV on/off in software	Yes
White light on/off in software	Yes
Blue light on/off in software	Yes
Desktop compatible	No
Touchscreen/tablet compatible	Yes
Communications	USB . Tablet has wireless and bluetooth options
Footprint	14" by 12.5" x 25"

ORDERING INFORMATION

Catalog No.	Description
GDST-1302	ENDURO GDS Touch Imaging System, 302 nm - Universal Voltage
GDST-1365	ENDURO GDS Touch Imaging System, 365 nm - Universal Voltage

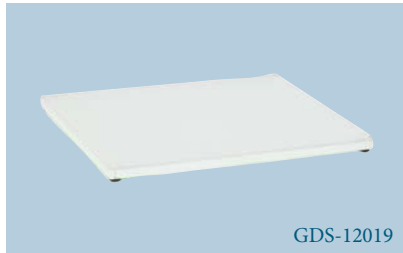


ENDURO™ GEL DOCUMENTATION SYSTEM ACCESSORIES



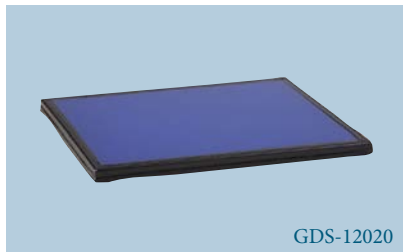
GDS-12018

GDS-12018 Clear Gel Tray
-Use for gel transfer and cutting



GDS-12019

GDS-12019 White Light Conversion Tray
-Use for Coomassie and Silver stain



GDS-12020

GDS-12020 Blue Light Conversion Screen (for GDS only)
-Use for Gel Green, SYBR® safe stain, and stains that excite at 490 nm



GDS-12021

GDS-12021 Thermal Printer
GDS-12022 Thermal Paper



OPTIONAL FILTERS (For GDS Touch only)

GDST-676R	Red filter (676 nm)
GDST-572G	Green Filter (572 nm)
GDST-497B	Blue Filter (497 nm)

STAIN GUIDE

Fluor/Stain	Description	Part Number
Ethidium Bromide	302nm UV	Standard
Gel Red	302nm UV	Standard
SYBR Green	302nm and 488nm	Standard
Gel Green	Blue Light Conversion Screen	GDS-12020
SYBR Safe	Blue Light Conversion Screen	GDS-12020
Coomassie Stain	White Light Conversion Screen	GDS-12019
Silver Stain	White Light Conversion Screen	GDS-12019