

APPLICATION SOLUTIONS

Dead Air Box

Circulation-free air for sample protection

AirClean® Systems dead air boxes provide a circulation-free environment for the amplification and manipulation of DNA/RNA. Each dead air box is standard with a 15 minute timed 254nm ultraviolet light source for irradiation between amplifications. A safety interlock switch disables the UV light when the sash is raised, preventing operator exposure. Seamless design and UV-reflective construction materials further ensure no harmful UV energy escapes the enclosure.



AC632DB dead air box in use

Features:

- Polycarbonate and polypropylene design to reflect UV energy
- Safety switch to prevent exposure to harmful UV energy
- Full-access folding sash
- 15 minute manual UV light timer
- Seamless plastic design — no joints or gaps in construction
- UV and fluorescent lights
- Slip hatch utility access port
- Available in 110V AC or 220V AC (32" and 48" workstations only)
- Shipped fully assembled

Options:

- UV shelf with pipettor holder
- UVTest™ microprocessor controller
- Cart with locking casters



UVTest™ controller can be added to 32"- and 48"- wide models

Enhanced Features:

- UV bulb monitoring
- 1-59 minute UV timer

Hoods, workstations and enclosures are shipped fully assembled

DEAD AIR BOX DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC624DB	24"	24"	30"	23"	23"	21"
AC632DB	32"	24"	30"	31"	23"	21"
AC632TDB	32"	24"	39"	31"	23"	24"
AC648DB	48"	24"	32"	47"	23"	23"
AC648TDB	48"	24"	40"	47"	23"	29"