



# CO<sub>2</sub> Incubator

## CO<sub>2</sub> Incubator Performance Plans

CO<sub>2</sub> incubators are the pivotal instruments in cell culture labs. They feature complex, dynamic control systems to maintain user-defined culturing parameters. Accurate measurement and control feedback of multiple environmental variables is necessary in order to optimize cell growth and proliferation, at the same time minimizing intercellular variation in physiology, metabolic function and expression.

CO<sub>2</sub> Incubator Performance Plans components include a choice of preventive maintenance protocols designed to check, validate and to promote continuous and stable incubator performance, optimizing instrument conformity with programmed culturing parameters.

Our CO<sub>2</sub> Incubator preventive maintenance service offerings ensure that your culturing environment is reliably maintained and controlled, maximizing culturing consistency and repeatability, optimizing culturing performance.

## IQ/OQ Services

Installation Qualification & Operational Qualification services assure that instrumentation is installed and running according to manufacturer specifications. IQ/OQ documentation is supplied to help prepare for quality and regulatory audits.

### ■ ADVANCED MAINTENANCE

Preventive maintenance service to meet manufacturer specifications

### ■ ESSENTIAL CHECK

Check of all fundamental functions of the product

**eppendorf**

Performance tested on

Model: \_\_\_\_\_

Serial no.: \_\_\_\_\_

Serviced by: \_\_\_\_\_

Service no.: \_\_\_\_\_

Next service: \_\_\_\_\_

Date: \_\_\_\_\_

**epServices**  
for premium performance

# CO<sub>2</sub> Incubator Performance Plans

Performance Plans	ESSENTIAL CHECK	ADVANCED MAINTENANCE	PREMIUM SERVICE <sup>1</sup>	Installation Qualification (IQ)	Operational Qualification (OQ)
<b>Catalog Number</b>	0082060003	0082060004	0082060005	0082060007	0082060008
<b>List USD</b>	\$410.00	\$1,005.00	\$1,585.00	\$550.00	\$1,635.00
<b>External Checks and Maintenance</b>					
Check installation environment	■	■	■	■	
Check electrical / gas supply and fittings		■	■	■	■
Replace in-line gas filter(s) and auto-zero filter		■	■		■
Check door seals and door hinges		■	■	■	■
<b>Internal Equipment and Fittings</b>					
Check condition of all chamber gas, temperature, humidity sensors		■	■	■	■
Check security of incubator shelf / shelves and racking system		■	■	■	■
Check sensor covers are present and undamaged		■	■		■
Check condition of humidity trays		■	■		■
Check condition of wiring system, PCB's, display & controller		■	■		■
Check alarms functionality		■	■		■
<b>Validation and Metrology</b>					
Validation and adjustment of operating parameters to within Eppendorf specifications	■	■	■		■ <sup>2</sup>
<b>Documentation</b>					
Issue preventive maintenance Check List (signed document)	■	■	■		■
Dated service sticker fixed to CO <sub>2</sub> Incubator to confirm Eppendorf service	■	■	■	■	■
Provide IQ Report and Certificate				■	
Provide OQ Report and Certificate					■
<b>Supporting Information</b>					
Travel	not included	not included	included	included	not included
Time/Labor	included	included	included	included	included
Additional parts	not included	not included	included	not included	not included
<b>Additional catalog number for combined Installation and Operational Qualification (IQ/OQ) services is listed below. Travel and labor are included. Additional parts are not included.</b>					
<b>0082060009, List USD \$2,115.00</b>					

<sup>1</sup> All Premium Service, unless technically impossible is performed on-site.  
<sup>2</sup> The detailed certification service contents are listed in the OQ report.

Field Service Only		
Advantage OS	Catalog No.	List USD
14 S	ADVSERV-14S	\$ 915.00
48 R/S	ADVSERV-48R/S	1,010.00
170 R/S	ADVSERV-170R/S	1,180.00

## Advantage OS

An easy-to-use value packaged service option to help plan in advance and protect the system. Advantage OS provides parts, labor, and travel for 2 visits; an Advanced Maintenance and a single repair visit within the year.

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[www.eppendorf.com/epServices](http://www.eppendorf.com/epServices)