

Equipment with phytotron

■ The ST and ILW cooled incubators in Smart PRO version (ST 500/700/1200/1450, ILW 115/240/400/750) and climatic chambers can be equipped with the FIT system.

FIT option advantages

- day and night simulation software - for each segment it is possible to program temperature, duration time, fan efficiency and light intensity (every 10%)
- temperature range for "night": +3°C... +60°C (ST) and -10°C... +60°C (for IL with ILW/T option)
- temperature range for "day": +10°C...+50°C
- lamps installed in over-shelf panels (FIT P), in side walls (FIT S), in door (FIT D) or in door and side walls (FIT DS)
- 840 fluorescent tube lamps (daylight) or LED modules
- with FIT option the equipment can operate with time or parameters (temperature) priority
- automatic defrosting function in standard

Phytotron (FIT option)

Option*	ST 500/700 FIT DS	ST 500/700 FIT S	ST 500/700 FIT P	ST 1200 FIT P	ST 1450 FIT P	IL 115 FIT P	IL 240 FIT P	IL 400 FIT P	IL 750 FIT P	IL 115 FIT D	IL 240 FIT D	IL 750 FIT D
temperature range with phytotron ON [°C]	+10 ... +50											
number of over-shelf panels with illumination (std/max)	-	-	1/3	1/3	1/3	1/1	1/2	1/2	1/3	-	-	-
lamps in door	yes	-	-	-	-	-	-	-	-	yes	yes	yes
lamps in side walls	yes	yes	-	-	-	-	-	-	-	-	-	-
adjustable illumination intensity	yes											

* **FIT DS** – illumination in door and side walls; **FIT D** - illumination in door; **FIT S** – illumination in side walls; **FIT P** – illumination in over-shelf panels

ST cooled incubators ST 500, 700, 1200, 1450 with FIT/FOT option are produced with previous cooling system. It is not possible to supply them with monoblock (M) cooling unit.

Application

- growth of plants and fungus
- seeds germination
- microorganisms and insects breeding
- photostability tests
- food preservation tests
- any kind of research that requires a stable temperature
- light control (optionally humidity control)
- tests of building materials

