



Material Management System

Absolute Process Control



PROCESS
TRACEABILITY

REPEATABLE AND
ACCURATE PRINTS

PAEK ANNEALING
PROGRAM

SPECIFICATION SHEET

DIMENSIONS	Dryer dimensions (WxDxH):	1-3 chambers: 842 × 626 × 1736 mm (33.14 x 24.64 x 68.34 in) 6 chambers: 1552 × 626 × 1736 mm (61.10 x 24.64 x 68.34 in)
	Max. dimensions with open door (WxDxH):	1-3 chamber: 842 × 1090 × 1736 mm (33.14 x 42.91 x 68.34 in) 6 chamber: 1552 × 1090 × 1736 mm (61.10 x 42.91 x 68.34 in)
ENVIRONMENT	Working temperature:	10–28°C (50-82.4°F) relative humidity from 30% to 60% w/o condensation
	Storage temperature:	-20–54°C (-68-129.2°F) relative humidity 10% to 85% w/o condensation
POWER	Required connection [USA]:	1-3 chambers: 1 ph 20 A Nema L6-20 plug 6 chambers: 2xplug 1ph 20 A Nema L6-20 plug
	Power cable length:	2200 mm (86.61 in)
	Voltage:	1-3 chambers: 230V AC (210-250 VAC) 6 chambers: 2×230V AC (210-250 VAC)
	Frequency:	50-60 Hz
	Max. power consumption of the device without additional accessories:	1 chamber: 1300 W 3 chambers: 3680 W 6 chambers: 7300 W
TEMPERATURES	Operating temperature range:	50°C-200°C (122-392°F)
CONNECTION	Communication:	WiFi, LAN, USB
DRYING	Operating technology:	Dry air [actively dried]
	Drying chamber space (WxDxH):	470 × 260 × 320mm (18.50 x 10.23 x 12.59 in)
	Drying chamber volume:	39.1 L (2386.02 in³)
	Number of material slots in one chamber:	4
	Number of chambers in the dryer:	Depending on version (1, 3 or 6 chambers)
	Maximum filament spool diameter:	220 mm (8.66 in)
	Maximum thickness of the spool:	90 mm (3.54 in)
	Material tracking system:	Smart Material Manager
	Third party materials:	Yes, optional
	Drying process settings:	Predefined
Recrystallization process settings:	Predefined	
SOFTWARE	Device monitoring and archiving:	3DGence CLOUD, 3DGence CONNECT™
	Software updates:	Automatic, via USB and Internet
CONSTRUCTION	Construction:	Freestanding, equipped with castor wheels
	Frame:	Steel
	Doors:	Sealed/Thermally Insulated
	Electronics:	3DGence
	NFC TAG Reader:	Yes, on the front of the device
	Display:	10" TFT capacitive display with 1280 x 768 px resolution
SAFETY	Doors:	Mechanical lock with key, door opening sensor, over temperature protection acc. to DIN 12880 class 1.0, class 3.1
ACCESSORIES	Print recrystallization kit (optional) Drying agent cartridges (one for each drying chamber) Drawers for storing materials in the drying chamber (one for each drying chamber) WiFi adaptor Power adapter included	

AMERIKA

3DGence America Inc.
Dallas, Texas,
USA

+1.855.466.3813
inquiries@3dgence.com

EUROPA

3DGence GmbH,
Gradignanstraße 4
64319 Pfungstadt, Germany

+49 6157 9118972
cs@3dgence.com

3DGence sp. z o.o.
Graniczna 66
44-178 Przystowice, Poland

+48 32 438 98 63
cs@3dgence.com