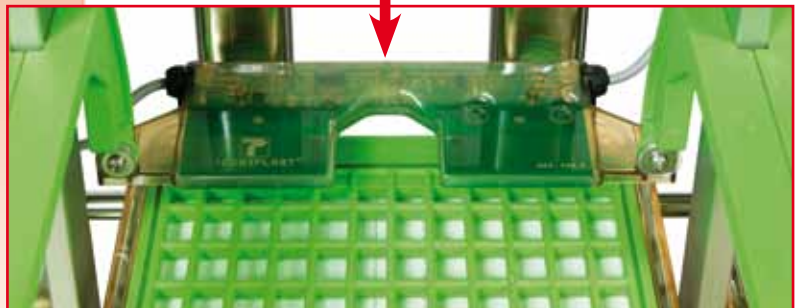# LDS™
LEAK DETECTION SYSTEM

- **No more worries about floods in between daily health checks**
- **Automatic 24h flooding check**
- **Washable and Autoclavable exactly as a standard rack**
- **Retrofittable on all existing DGM™ and Sealsafe Plus GM racks**

LDS™ Brain

LDS™ Sensor

HOUSING

TECNIPLAST®
innovation through passion™

Introduction

LDS™ is able to **detect any cage flooding** due to autowatering system valves failure.

It consists of a chain of sensors attached to the rack frame: these are automatically managed by the system "Brain" which **detects each flooding event at its earliest stage and sends an alarm** to the operators.

LDS™ helps facility staff **prevent animal loss** that may compromise the research.

1/ Washable and Autoclavable exactly as a standard rack

A rack equipped with LDS™ can be treated exactly as a standard one with AWS: there is **no need to modify the Standard Operating Procedures** because the rack can be sent to the **autoclave** and the **rack washer** according to the standard maintenance programs.

2/ Retrofittable on all existing DGM™ and Sealsafe Plus GM racks

LDS™ has been designed in such a way that it can be easily and quickly retrofitted on both your DGM™ and GM racks and be compatible with GM500 cages.

TECHNICAL SHEET

DGM™ racks with LDS™

Cat. N.	Configuration	Specie	Overall Dimensions (L x W x H) - mm / inch
DGM54	54 cages (6 w x 9 h) Single sided	Mouse	1314 x 500 x 1817 (1895*) / 51.73 x 19.69 x 71.54 (74.62*)
DGM60	60 cages (6 w x 10 h) Single sided	Mouse	1314 x 500 x 1998 (2076*) / 51.73 x 19.69 x 78.67 (81.74*)
DGM63	63 cages (7 w x 9 h) Single sided	Mouse	1528 x 500 x 1817 (1895*) / 60.16 x 19.69 x 71.54 (74.62*)
DGM70	70 cages (7 w x 10 h) Single sided	Mouse	1528 x 500 x 1998 (2076*) / 60.16 x 19.69 x 78.67 (81.74*)
DGM72	72 cages (8 w x 9 h) Single sided	Mouse	1742 x 500 x 1817 (1895*) / 68.58 x 19.69 x 71.54 (74.62*)
DGM80	80 cages (8 w x 10 h) Single sided	Mouse	1742 x 500 x 1998 (2076*) / 68.58 x 19.69 x 78.67 (81.74*)
DGM108	108 cages (6 w x 9 h) Double sided	Mouse	1314 x 888 x 1817 (1914*) / 51.73 x 34.96 x 71.54 (75.34*)
DGM120	120 cages (6 w x 10 h) Double sided	Mouse	1314 x 888 x 1998 (2103*) / 51.73 x 34.96 x 78.67 (82.81*)
DGM126	126 cages (7 w x 9 h) Double sided	Mouse	1528 x 888 x 1817 (1914*) / 60.16 x 34.96 x 71.54 (75.34*)
DGM140	140 cages (7 w x 10 h) Double sided	Mouse	1528 x 888 x 1998 (2095*) / 60.16 x 34.96 x 78.67 (82.47*)
DGM144	144 cages (8 w x 9 h) Double sided	Mouse	1742 x 888 x 1817 (1914*) / 68.58 x 34.96 x 71.54 (75.34*)
DGM160	160 cages (8 w x 10 h) Double sided	Mouse	1742 x 888 x 1998 (2095*) / 68.58 x 34.96 x 78.67 (82.47*)

* With removable supply plenum

RAS — REMOTE ALARM SYSTEM

WDM — WIRELESS DATA MANAGEMENT

ICIM
ISO-9001
Cert. n° 0875

CISQ

IQNet

ICIM
ISO-14001
Cert. n° 0256A/0

CISQ eco

IQNet

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