



Fraunhofer

TESTED[®] DEVICE

DENSO WAVE Inc.
SUS630-H900 (Cutting)
Report No. DE 2006-1161

Single product Hydrogen Peroxide Absorption/Desorption

Qualification Certificate

This is to certify that the product mentioned above, provided by

DENSO WAVE Inc.
Aichi, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number DE 2006-1161.

The hydrogen peroxide absorption/desorption of SUS630-H900
(Cutting) was investigated with the stated test parameters. Using
the procedure laid down in VDI 2083 Part 20, the following test
result was obtained:

Ø k-value [min]	Standard deviation [min]	Classification
0	0	non-absorptive

The k-value represents the required decay time to reduce the hy-
drogen peroxide vapor concentration measured at the beginning
of the aeration phase to one tenth of the original concentration.
The material classification is based on three separate measure-
ments. The blank value of the test setup is subtracted from each
measurement value.

This document only
applies to the named
product in its original state
and is valid for a period of
5 years from the current
date the document was
issued. The document can
be verified under
www.tested-device.com.

Detailed information and
parameters of the test
environment can be found
in the Fraunhofer IPA test
report.

DE 1409-725
Report No. first document

Stuttgart, July 15, 2015
Place, date of first document issued

DE 2006-1161
Report No. current document

Stuttgart, November 4, 2020
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA