

About humidity in humidors

from Prof. Dr. F. Lange

Background informations

Cigars are in permanent exchange with the humidity in the surrounding air. They only develop their full flavour when they have reached equilibrium with a relative humidity of about 72%. Notable amounts of water are involved in this process. The water content of a cigar in equilibrium with a relative humidity around 72% amounts to 15% of its weight. This results in a water content of 1.5 g for a typical cigar of 10 g weight.

After being stored for a longer period at a relative humidity of e.g. 50% a cigar lacks about 0.5 gram of water compared to ideal conditions. Accordingly, for 50 such cigars this sums up to about 25 g (=cm³) of water which have to be supplied via exchange of humidity with the air surrounding the cigars. In addition, for wooden humidors an appreciable quantity of water is stored within the wood. Such humidors also tend to loose water vapour to the external air which is too dry in most cases. Also these water losses have to be compensated.

Therefore, the desired humidity level inside a humidor has to be reliably adjusted. Under such conditions the cigars will attain this desired humidity level in the course of several days.

You will taste the difference!

Home of well- conditioned cigars



Space for High-Tech

CigarSpa has been designed to fit into almost every humidor. Irrespective of the positioning of CigaSpa – the same good effect is achieved. In comparison to old conventional systems CigarSpa needs a bit more space. But – rather some fewer good cigars than more badly conditioned ones!

CigarSpa®
wellness for cigars

Manufactured and distributed by:

SLL Trading GmbH

Zur Mühle 2-4 · 50226 Frechen

phone. +49-2234-801946 · Fax +49-2234-983387

sll-trading@t-online.de · www.cigarspa.com

High-Tech Revolution in Humidors



CigarSpa®
wellness for cigars

Latest technology pampers your cigars

High-Tech Humidity Sensor

High-Tech Humidity Sensor measures the humidity level accurately to +/- 2%

Button for adjustment

choose your own humidity level between 55% and 75%

Second High-tech Sensor

this unique sensor ensures accuracy and safety

Refill neck

easy refilling with distilled water

Water Container

230 cm³ of water are stored and are good for appr. 4-6 months of operation

Evaporation unit

the carefully selected materials guarantee fast evaporation

Battery Compartment

4 AA mignon cells power the unit for over 2 years

Electronic

a microprocessor controls and adjusts perfectly the individually chosen humidity level

Mini-pump

supplying the evaporation unit most accurately with the right amount of water

Made in Germany

Weight: 330g **dimensions:** 6 cm x 6,7 cm x 17 cm

Choose the level of satisfaction

Average humidity
level over the past
3 days

wanted level
of humidity



current level
of humidity

temperature

Indication
"battery low"

Indication
"water low"

Facts

- fits into almost any humidor
- only one button operation
- individual selection of humidification between 55% and 75%
- all relevant figures are displayed
- refill only every 4 - 6 months
- batteries last for more than 2 years
- **UNIQUE**
indication when the cigars are in perfect condition (when 3 day average and nominal value are equal!)