Liquid Dispenser

REFILLING INSTEAD OF RECYCLING

umdasch

THE STORE MAKERS

EN

Liquid Dispenser

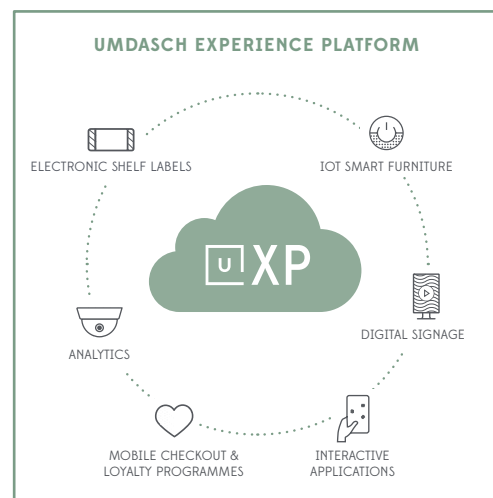REFILLING: A SUSTAINABLE AND
SUCCESSFUL FORMAT FOR THE POS

The Liquid Dispenser by umdasch takes the reduction of CO_2 and climate protection seriously and ensures that customers always have the liquidity they require. It helps to avoid plastic waste and is IoT-capable. 500 refillings per month save an incredible 1,950 kg of plastic waste.* Moreover, a calculation has proven that within a short space of time the system undercuts conventional disposable off-the-shelf bottles with regard to its carbon footprint.

The CO_2 footprint is not the only positive characteristic of the system, however. It is easy to use, for example: customers scan the code on the product packaging they have brought with them and then start the filling process. The Liquid Dispenser takes care of everything else. In order to make effective use of the filling time, a cross-selling video can be played. Staff maintenance requires just two brief steps: the uncomplicated cleaning of the filling taps and the removable drip tray.

SMART INTEGRATION AT THE POS

With the optional umdasch eXperience Platform (uXP) retailers can even integrate the Liquid Dispenser into a central management tool – and thus expand the service station by further features, including electronic shelf labelling (ESL), digital signage and the inventory control system.

uXP is a central element for the strategic management of marketing campaigns and promotions. Retailers can react automatically, intuitively and rapidly, especially in connection with the uXP.

UMDASCH EXPERIENCE PLATFORM

ELECTRONIC SHELF LABELS

IOT SMART FURNITURE

uXP

ANALYTICS

DIGITAL SIGNAGE

MOBILE CHECKOUT & LOYALTY PROGRAMMES

INTERACTIVE APPLICATIONS

THE RIGHT SOLUTION FOR EVERY APPLICATION

umdasch Liquid Dispenser as a refill station integrated into the shelving system

umdasch Liquid Dispenser as a free-standing gondola head solution

umdasch Liquid Dispenser as a refill station integrated into the shelving system with crowner solution

* The result is based on the following calculation:
An average of 500 refilling procedures per month x 65 g (per bottle) x 12 months x 5 years = saving of 1,950 kg plastic waste.
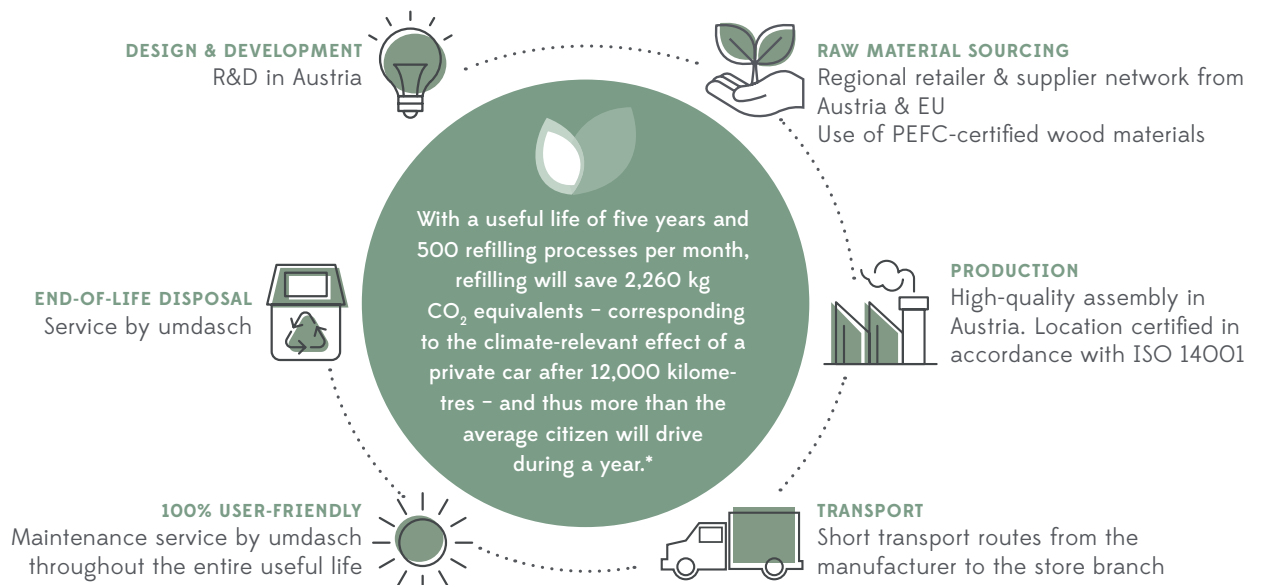
ADVANTAGES

Ecological advantages
- Refilling of (standardised) product packaging with liquids for a sustainable recycling economy
- Economic use of resources by saving plastic waste
- Short delivery routes thanks to Austrian R&D

Economic advantages
- Smart IoT solution at the POS
- Digital advertisement to make effective use of the filling time as cross-selling activity
- Everything from a single source by umdasch: Design, Project Management, Engineering, Software Development, Production, Installation, Service

LIFE CYCLE OF THE LIQUID DISPENSER

DESIGN & DEVELOPMENT
R&D in Austria

RAW MATERIAL SOURCING
Regional retailer & supplier network from Austria & EU
Use of PEFC-certified wood materials

PRODUCTION
High-quality assembly in Austria. Location certified in accordance with ISO 14001

With a useful life of five years and 500 refilling processes per month, refilling will save 2,260 kg CO_2 equivalents – corresponding to the climate-relevant effect of a private car after 12,000 kilometres – and thus more than the average citizen will drive during a year.*

TRANSPORT
Short transport routes from the manufacturer to the store branch

100% USER-FRIENDLY
Maintenance service by umdasch throughout the entire useful life

END-OF-LIFE DISPOSAL
Service by umdasch

* More on this subject on our website: https://www.umdasch.com/en/company/innovations/liquid-dispenser

TECHNICAL FUNCTIONS

Product Features

Individual design for optimal integration into the existing shop presentation

Refill station in 1 m standard axial dimension for optimal integration into the shop design – either within the shelving system or as a free-standing solution

Simple interaction between consumer and refill station

Refilling of standardised product packaging

Step-by-step instructions via 10.1" touchscreen for intuitive and interactive customer guidance

User-friendly refilling of the system using a Bag-In-Box (BIB) solution

2" receipt printer accepts adhesive rolls, including automatic cutoff

LED light guide for users during the filling process

Removable drip trays and filling taps for easy cleaning

Integrated weight sensors monitor refill quantities and ensure a smart, hassle-free and above all safe filling process

Product identification via scanner (barcode/QR-code)

Add-Ons: Bell, brochure holder, crowner solutions and much else

Easy handling for staff with regard to cleaning and refilling procedures

Guaranteed product traceability via batch-, EAN- or UFI-code entry

Possibility of printing the filling date for product identification and traceability together with receipt for checkout

Container for collection of residual amounts of product in packaging brought by customers from home

Software Features

Individual advertising videos for efficient use of filling time

Connectivity via WLAN/LAN/SIM

Filling of more than one product in a single container via product selection using the touchscreen

Service program with notification function for staff

Simple and rapid menu navigation via iButton

Recognition as to whether the bottle is new or has been brought by customer from home

Data recording of the refilling station using remote control service via uXP dashboard

Menu navigation in DE and EN, other languages possible

umdasch.com/refilling

GERMAN INNO VATION AWARD'19 WINNER

Green Product Award
Winner 2020