# THE WORLD'S FIRST PORTABLE, INSTANT, AND COST-EFFECTIVE HYDRATION TESTING SYSTEM



#### THE MISSING LINK IN YOUR HYDRATION PROGRAM

The MX3 Hydration Testing System allows you to regularly and easily measure employee hydration status through a small saliva sample and develop precise hydration strategies to avoid heat-related illness and optimize production safely. The MX3 LAB Pro provides lab-quality results in a portable handheld device that can go anywhere and be used anytime.

When paired with the free MX3 mobile app you get real-time test guidance and can track historical hydration data with both the Mobile App and the Web Portal, allowing you to track historical data for **unlimited employees and locations** with **NO SUBSCRIPTIONS OR FEES.** 



## **GET SOLID NUMBERS ON HYDRATION**

- · Allows Instant, portable, and unintrusive hydration testing on-site
- Easy to use on its own or with the free Mobile App
- · Logs data that can be instantly transferred to the Mobile App and Web Portal for analysis
- Gives quantifiable data for unlimited employees and locations with no fees or subscriptions
- Allows you to focus your hydration programs on employees and locations that need it most



# **HOW IT WORKS**







**78**%

of associates suffering from heat illness were dehydrated — **despite having drinking water available**\*

>75%

of workers show up moderately dehydrated or worse

# CONCLUSION: HAVING DRINKING WATER AVAILABLE DOESN'T MEAN WORKERS WILL DRINK

≤65 mOsm HYDRATED 66-100 mOsm MILDLY DEHYDRATED 101-150 mOsm MODERATELY DEHYDRATED

≥151 mOsm
SEVERELY DEHYDRATED

# HYDRATION IS KEY TO PREVENTING INJURY AND ILLNESS



#### DEHYDRATION

Reduced physical performance • impaired cognition.



### **HEAT RASH (PRICKLY HEAT)**

Red cluster of pimples or small blisters, usually on neck, upper chest, groin, under breasts and in elbow creases.



# **HEAT SYNCOPE (FAINTING)**

Fainting, dizziness, or light-headedness, after prolonged standing or suddenly rising from a sitting or lying position.



#### **HEAT CRAMPS**

Muscle cramps, pain, or spasms in the abdomen, arms or legs.



#### **HEAT EXHAUSTION**

Headache, nausea, dizziness, weakness, irritability, thirst, heavy sweating, elevated body temperature, decreased urine output.



#### **HEAT STROKE**

Altered conscious state, confusion, altered mental status, slurred speech; hot, dry skin or profuse sweating; seizures, very high body temperature, fatal if treatment is delayed.

