

# Essential Maintenance & Care Requirements

For Healix Humend™ and Questrian™ Laser Therapy Systems



## **REQUIRED MAINTENANCE EQUIPMENT**

#### 1. Approved Cleaning Materials

- 70% isopropyl alcohol wipes
- Lint-free microfiber cloths
- Approved lens cleaning tissues
- Disposable nitrile gloves
- Soft-bristle brush (Questrian™ only)

#### 2. Maintenance Kit Contents

- LCD screen cleaner
- Treatment window cleaner
- Carrying case cleaner
- Cable cleaning wipes
- Compressed air (for vents)

#### 3. Documentation Materials

- Maintenance log
- Cleaning schedule
- Inspection checklist
- Performance tracking
- Issue reporting forms

### **TABLE OF CONTENT**

Daily Maintenance			 -	 	 -		-	 -	 	-	-	 -	 	2
Weekly Maintenance	٠	 -				 -	-	 -	 		-	 -	 	2
Monthly Inspection	٠	 -				 -	-		 	-	-		 	3
Prohibited Actions				 	 -	 -			 		-		 	 3
Storage Requirements	-								 		-		 	 3
Battery Management						 -			 		-		 	 4
Required Documentation						 -			 		-		 	 4
Support Resources														4



## **Daily Maintenance Protocol**

#### **Before First Use**

- 1. Device Inspection
  - Check treatment window clarity
  - Verify battery level (minimum 25%)
  - Test all interface buttons
  - Inspect charging port
  - Confirm LED indicators
- 2. Safety Check
  - Verify emergency shutoff
  - Test all safety sensors
  - Check warning indicators
  - Confirm timer function
  - Validate power settings

#### **After Each Treatment**

- 1. Immediate Cleaning
  - Don new gloves
  - Clean treatment window
  - Wipe external surfaces
  - Inspect for debris
  - Document cleaning
- 2. Device Storage
  - Return to case
  - Connect charger if needed
  - Secure all components
  - Store in clean area
  - Lock if required

# **Weekly Maintenance Requirements**

## **Deep Cleaning Protocol**

- 1. Treatment Window
  - Remove debris
  - Clean with approved solution
  - Inspect for damage
  - Document condition
  - Test clarity
- 2. Device Body
  - Clean all surfaces
  - Check seams/joints
  - Inspect vents
  - Clean display
  - Verify buttons

- 3. Accessories
  - Clean carrying case
  - Inspect cables
  - Clean charging ports
  - Check power adapter
  - Organize storage

## **Monthly Inspection Requirements**

#### **Performance Verification**

- 1. System Tests
  - Power output check
  - Battery performance
  - Program function
  - Timer accuracy
  - Safety features
- 2. Physical Inspection
  - Housing integrity
  - Port condition
  - Screen clarity
  - Button function
  - Vent clearance

#### **Documentation**

- Complete inspection form
- Update maintenance log
- Report any issues
- Schedule repairs if needed
- File records

# **Prohibited Actions**

#### **Never:**

- 1. Device Care
  - Use unauthorized cleaners
  - Submerge in liquids
  - Apply excessive pressure
  - Use abrasive materials
  - Skip cleaning steps
- 2. Operation
  - Use damaged device
  - Override safety features
  - Ignore warning lights
  - Skip inspections
  - Defer maintenance

## **Storage Requirements**

#### **Environmental Conditions**

- 1. Temperature
  - Operating: 5-30°C
  - Storage: 10-25°C
  - Avoid temperature extremes
  - Monitor humidity
  - Maintain ventilation
- 2. Location
  - Clean, dry area
  - Away from sunlight
  - Secure storage
  - Access controlled
  - Climate stable

## **Battery Management**

## **Optimal Performance**

- 1. Charging Protocol
  - Charge at 20% remaining
  - Use original charger
  - Monitor charging
  - Avoid full depletion
  - Document issues
- 2. Battery Care
  - Monthly deep cycle
  - Check charging time
  - Monitor performance
  - Report degradation
  - Replace as needed

# **Required Documentation**

#### **Maintenance Records**

- 1. Daily Log
  - Cleaning performed
  - Issues noted
  - Usage tracking
  - Battery status
  - User initials
- 2. Monthly Report
  - Performance checks
  - Issues resolved
  - Repairs needed
  - Supply inventory
  - Compliance verification

## **Support Resources**

#### **Technical Assistance**

- Maintenance Support: 888-778-9933
- Email: maintenance@healix.com
- Hours: M-F 8AM-6PM EST
- Emergency: 24/7 Support