



Quick Reference Guide

Tissue-Tek® DRS™ 2000

Start Up

The Tissue-Tek® DRS™ 2000 Automatic Slide Stainer is an automated, random-access stainer which simultaneously carries out multiple staining protocols. The DRS 2000 features a two-level design which efficiently moves slides to various solutions for optimal performance.



Tissue-Tek® DRS™ 2000

System preparation for staining

From the Main Menu:

1. Press **{EDIT}**
2. Press **{MORE}**
3. Press **{NAMES}**
4. Press **{SOLN+}** or **{METHOD+}**
5. Use arrow keys (**↑**) to select desired characters, then press **{ENTER}**
6. Press **{SAVE}**
7. Press **{EXIT}** after creating a name
8. Press **{EXIT}** when completed
9. Press **{EXIT}** to return to the Main Menu



Main Menu

Assigning Solutions to Stations

From the Main Menu:

1. Press **{STATION}**
2. Press **{ASSIGN}**
3. Use arrow keys (**↑**) to choose desired solution
4. Press **{SELECT}**
5. Use arrow keys (**↑**) to move to the next station and repeat steps 1-4
6. Press **{EXIT}** to return to the Main Menu



Baskets

Editing a Program

From the Main Menu:

1. Press **{EDIT}**
2. Use arrow keys (**↑**) to choose program for editing. Press **{EDIT}**
3. Enter station # and time using numeric keys. Use function keys **{WASH}** and **{DRYER}** to set up these options
4. Press **{EXACT}** to choose accuracy (exact variable **▲**, or infinite **∞**)
5. Press **{MIX+}** for agitation on/off (**+ = ON**) or (*****) for enhanced wash
6. Complete program by pressing **{END}**
7. Press **{MORE}** then **{SAVE}**
8. Press **{YES}** or **{NO}** to verify
9. Press **{EXIT}** to return to the Main Menu



Solution Reservoir with rubber bushing

Starting a stain method

1. Press **{START}**
2. Press **{METHOD}** and select program using arrow keys, press **{SELECT}**
3. Open door and place basket set in designated start position (S1/S2)
4. Press **{MODE}** to choose between batch or continuous operation
5. Press **{START}**

Note: You may press **{ENDTIME}** to view an estimated time for completion for any staining run in progress. Pressing **{EXIT}** makes you return to the Process Monitor.

Adding a Basket

1. Press **{ADD}**
2. Press **{METHOD}** and select program using arrow keys
3. Press **{SELECT}**
4. Place basket set in designated start station (S1/S2)
5. Close door and press **{START}**

Interrupting/Cancelling a Stain Process

1. Press **{PAUSE}**
2. To cancel a run, highlight run# using arrow keys and press **{ABORT}**
3. Press **{YES}** or **{NO}** to confirm
4. Open door/cover, remove basket set
5. Close door/cover and press **{CONFIRM}** to verify
6. Press **{EXIT}** to return to the Process Monitor

End of Run

1. Press **{REMOVE}**
2. Open door and remove basket set from highlighted end station (E1/E2 or PE)
3. Close door, press **{CONFIRM}** to verify removal

End of Day

1. Place lids on all reservoirs
2. Close cover and door
3. Turn power **OFF**

Maintenance

Daily

Exterior and interior surfaces:

1. Clean the plastic and painted areas by wiping with a clean cloth (use a glass cleaner)
2. Clean the interior of the solution area by wiping with a clean cloth

Daily

Washing stations and drain:

1. Check washing stations, clean the drain using bleach

Note: Do not clean the whole sink area with bleach. This can cause corrosion of the stainless steel

Weekly

Solution reservoirs:

1. Solution Reservoirs should be washed with tap water and a mixture of mild detergent and bleach
2. When stains and residue are difficult to Remove, use bleach. Afterwards clean the reservoirs with water and let them dry (<60° C).

Weekly

Baskets:

1. Clean slide baskets with xylene to remove residues of film/glue
2. Rinse with alcohol and air dry

Bi-monthly

Replace the activated carbon filters

Monthly

Drying stations:

1. Remove all inner components of the drying stations
2. Remove the residue and any debris from the components with water and soap and air-drying
3. Place the components back

Yearly

Preventive maintenance by a Sakura representative Or Sakura service engineer.

Checklist Maintenance

Maintenance task	Frequency
Exterior surfaces	Daily
Interior surfaces	Daily
Washing stations	Daily
Drain	Daily
Clean the solution reservoirs	Weekly
Clean touch screen	Weekly
Clean slide baskets	Weekly
Replace the activated carbon filters	Bi-monthly
Clean drying stations	Monthly
Preventive maintenance	Yearly