3rd Webinar CONSOLFOOD
Luther Krueger's "Museum of Solar Cookers"

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Minneapolis, :The City Of Lakes"
Minnesota USA 44.94N 93.28W elevation 270m

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What follows is a pictorial survey of most of the 57 cookers currently in circulation in our "Museum". Over time I have been gathering the history behind them as well. I welcome any/all questions, and if you have any of these cookers, please send the story behind your acquisition, use, druthers...

For scale, many of the photos were taken on our Solar Brunch deck, the boards are 5 1/2" / 14cm wide. They aren't all deployed with food being cooked, but where possible appropriate pots, heat traps, and accessories are included in the photo.
2004: Halacy 30/60 DIY
"Cooking with the Sun."
2008: SunStove
SunStove Organization
USA - Wisconsin
South Africa

Design: Richard Wareham

Box Cooker with internal reflectors
Plexiglass cover/window

Internal reflector and exterior shells are made of recycled printing press plates, sliced and crimped, pop-riveted into shape. Insulation of any kind, sandwiched between the two shells joined by standard one-by boards.
2005: Global Sun Oven
Sun Ovens International, Inc.
USA - Elburn, Illinois

Design: Tom Burns

Box cooker with external reflectors
2005: Sport
Solar Oven Society Inc.
USA - Apple Valley, Minnesota

Design: Paul Funk

Box cooker with external reflectors.
2019: Solar Brother
SunTaste 200

Prof. Manuel Collares Pereira et. al.
Évora, Portugal

Box Cooker

Cork walls serve as insulation as well as the cookbox
2007: SunBD Corporation
Tulsi
India
USA

Hybrid: Box Cooker with reflector
Internal heating element for cloudy weather, night time cooking

See further down, Ugli Cooker
2019: SunBD Corporation
Ugli
USA - Waterloo, New York
Design: David Chalker
Box Cooker - Hybrid, with electric heating element embedded in base
United Solar Cooker

USA - Las Vegas, Nevada

Design: Ranen Ghatak

Box Cooker - one glass mirror
2020: Sun Dome Solar Oven
USA - Oshkosh Wisconsin

Parabolic Cooker - converted parasole

Design: Tom Hallquist
2007: Boundless Energies Solar Harvester
Alberta, Canada

Box Cooker with external reflectors
ABS body
2006: Parvati-Open source/DIY Panel/Funnel

Maharashtra, India

Design: Ravindra & Shobha Pardeshi

A fabricated model is produced by Rudra Solar Energy India - Ahmedabad
2007: SunFlair

Design: Melinda Seller

Panel Cooker - plastic zipped cover heat trap
2007: All Season Solar Cooker

USA - San Diego, California

Design: Jim LaJoie

Panel Cooker
2007: Haines Solar Cooker
Haines Cooker

USA - San Diego, California

Design: Roger Haines

Panel Cooker - polycarbonate skirt and lid for heat trap
2019: Solar Brother / IDCook
Sungood

Paris, France

Design: Gilles Gallo et. al.

Panel Cooker
2019: Molly Baker Cooker

USA - La Pine, Oregon

Design: Molly Baker

Panel/Funnel Cooker
Hot Pot
USA - Washington DC
Mexico

Panel Cooker with enameled pot in a borosilicate bowl, lid for a heat trap
2007: Sun Toys
Solar Cooker

USA - Renton, Washington

Panel Cooker - in the manner of the CookIt
2020: Solar Cooking Science

USA - Providence, Rhode Island

Panel Cooker
2007: Solar Box Cookers International
CooKit

USA - Sacramento, California

Design: Barbara Kerr, Sherry Cole

Panel Cooker - open source/DoItYourself
2016: Solar Cooking Briefcase

USA

Design: Dennis Burkholder

Panel Cooker
2006: Renewcy Diamond Cooker

Cyprus

Design: Andreas Fasoulides, Kyriakos Antoniou

Panel Cooker
2010:
Octagon Cooker
Panel Cooker
2019: SunDish
Sun Dish
India - Kothrud, Pune
Design: Milink Kulkarni
Panel/Funnel Cooker - with polycarbonate cylinder heat trap, tiffin
2006: SK14, 750, and 350
EG Solar
Germany

Design: Dieter Seifert

Parabolic
2007: Andersen Manufacturing
Andersen Solar Cooker
USA - Idaho Falls, Idaho

Design: Mike Andersen

Parabolic cooker
Reflector bounces light to side of pot
Pot on lazy suzan with ball bearings and
3 D-cell batteries, to keep solids in the
pot from scorching
2018: Zomeworks
SunFlash
USA - Albuquerque, New Mexico

Design: Steve Baer, Liu Yoder

Parabolic Cooker
Pyrex bowl "globe" heat trap
2018: Sunplicity
Libertad 400
Albi, France

Design: Alain Bivas

Parabolic Cooker
Collapsible, portable
2019: Triple Solutions/Tai-In Co.
U-Solar Cooker with Tripod

South Korea

Design: Jaecheal Lee

Parabolic Cooker - converted parasole
2019: Sun Way
SolNar
Halba Akkar, Lebanon
Design: Adnan Tarcici, patented 1991
Parabolic Cooker
2010: Tiny Tech
India - Rajkot
Parabolic Cooker
2011: ID Cook
CookUp 200 Barbecue
France
Parabolic Cooker
Portable
2006: Solar Bar-B-Que

USA - Marina Del Ray, California

Design: Pioneer Solar Corporation

Trough Parabolic Cooker
2009: Mueller SolarTechnik. Primrose

Design: Roger Bernard

Hybrod: Box Cooker with parabolic trough reflector, light bounced up to bottom of the pot
2010: Solar Chef International
Solar Chef
USA - Washington State, Texas

Design: Sam Erwin

Hybrid: Panel/Box
Glass mirrors, glass pyramidal cover
2019: GoSun Fusion

Design: Patrick Sherwin

Vacuum Tube Cooker with parabolic trough reflector
2014: Himin Solar
Solar BBQ

China - Shandong

Vacuum Tube Cooker with parabolic trough reflector

himinsun.com/1-solar-pv-combine.html
2019: California Sunlight
CS-3200
USA - Sacramento, California

Design: Bing Gu

Fresnel Lens Cooker
Enclosed concentrated light cone
Multiple cooker attachments
2019: Fresnel Lens Cooker

USA - Minneapolis Minnesota

Design: Luther Krueger

Fresnel Lens Cooker - an amalgm of other designs shared online. Can cook from above or with stainless steel mirror below
2019: Arlus Walters Solar Cooker

USA - Christie, Oklahoma

Design: Arlus Walters

Convection Cooker - copper pipes filled with light mineral oil, retains heat up to 280F, 140C
2016: SunPortal
USA - Minneapolis, Minnesota
Design: Luther Krueger
Box Cooker - Through-The-Wall based on Barbar Kerr, Sherry Cole design